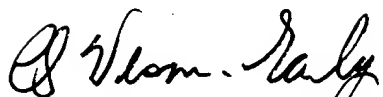


March 4, 2003

Dear Examiner Nguyen -

Here are the results of your search request for case no. 09/854,970. If a modification or re-focus of the search is needed, please let me know.



Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
Phone: (703) 306-5967
Fax: (703) 306-5758
caryn.wesner@uspto.gov

2show files;ds

File 348:EUROPEAN PATENTS 1978-2003/Feb W04

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220

(c) 2003 WIPO/Univentio

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)

(c) 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200315

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

| Set | Items | Description |
|----------------|---------------|---|
| S1 | 3 | AU='ZEIK G':AU='ZEIK GARY' |
| S2 | 6 | AU='LANDAU E':AU='LANDAU E M' |
| S3 | 2 | AU='LANDAU ERIC' |
| S4 | 19 | AU='GARRISON J' |
| S5 | 5 | AU='GARRISON J D' |
| S6 | 2 | AU='GARRISON JOE DON' |
| S7 | 3 | AU='OQUIST C A':AU='OQUIST CHERI ANN' |
| S8 | 12 | AU='MCCARTHY R' |
| S9 | 31 | AU='MCCARTHY R C' |
| S10 | 2 | AU='MCCARTHY RONALD C' |
| S11 | 5 | AU='ENGLEHART T M':AU='ENGLEHART THEODORE M' |
| S12 | 75 | S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 - OR S11 |
| S13 | 69331 | IC=(E04H-00? OR E04H-014?) |
| S14 | 1 | S12 AND S13 |
| S15 | 2736198 | BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE |
| S16 | 29 | S12 AND S15 |
| S17 | 29 | S14 OR S16 |
| S18 | 29 | IDPAT (sorted in duplicate/non-duplicate order) |
| S19 | 28 | IDPAT (primary/non-duplicate records only) |

.19/3,K/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2023 Thomson Derwent. All rts. reserv.

015031924 **Image available**
WPI Acc No: 2003-092441/200308
XRPX Acc No: N03-073376

Shielded structure for therapeutic radiation equipment has barrier
provided with radiation shielding filler material to reduce measurable
radiation level outside radiation therapy vault room

Patent Assignee: ENGLEHART T M (ENGL-I); GARRISON J D (GARR-I); LANDAU E
(LAND-I); MCCARTHY R C (MCCA-I); OQUIST C A (OQUI-I); ZEIK G (ZEIK-I);
MRAD INC (MRAD-N)

Inventor: ENGLEHART T M ; GARRISON J D ; LANDAU E ; MCCARTHY R C ;
OQUIST C A ; ZEIK G

Number of Countries: 100 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|----------------|------|----------|----------|
| US 20020166293 | A1 | 20021114 | US 2001854970 | A | 20010514 | 200308 B |
| WO 200293588 | A2 | 20021121 | WO 2002US15170 | A | 20020514 | 200308 |

Priority Applications (No Type Date): US 2001854970 A 20010514

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|----------------|----|----|-------------|--|
| US 20020166293 | A1 | 23 | E04H-001/00 | |
|----------------|----|----|-------------|--|

| | | | | |
|--------------|------|--|-------------|--|
| WO 200293588 | A2 E | | G21F-000/00 | |
|--------------|------|--|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Shielded structure for therapeutic radiation equipment has barrier
provided with radiation shielding filler material to reduce measurable...
Inventor: ENGLEHART T M ...

... GARRISON J D ...

... LANDAU E ...

... MCCARTHY R C ...

... OQUIST C A ...

... ZEIK G

Abstract (Basic):

... a) a method of constructing a modular **structure** for housing a
radiation source...

...c) and a transportable module for forming a **structure** .

...Enables rapid and economical **construction** of radiation treatment
centers, and allows facilities to be located wherever patients require
such facilities...

...The figure is the exploded, perspective view in partial section of the
shielded **structure** .

...Title Terms: **STRUCTURE** ;

International Patent Class (Main): **E04H-001/00** ...

International Patent Class (Additional): **E04H-005/00**

19/3,K/2 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014189520 **Image available**

WPI Acc No: 2002-010217/200201

Related WPI Acc No: 1999-033904; 2000-303661; 2000-303662; 2001-024959;
2001-101546; 2002-010216

XRAM Acc No: C02-002425

XRPX Acc No: N02-008555

Fluid delivery device for infusing medical agents into ambulatory patient, includes laser drilled apertures in flow passage ways of flow rate control capillary, to communicate flow path with passage ways

Patent Assignee: ARNOLD S M (ARNO-I); GARRISON J (GARR-I); HOGAN R (HOGA-I); KAZEMZADEH F (KAZE-I); KRIESELL M S (KRIE-I); KUESTER W (KUES-I); THOMPSON T N (THOM-I)

Inventor: ARNOLD S M; **GARRISON J**; HOGAN R; KAZEMZADEH F; KRIESELL M S; KUESTER W; THOMPSON T N

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20010039397 | A1 | 20011108 | US 96768663 | A | 19961218 | 200201 B |
| | | | US 98165706 | A | 19981002 | |
| | | | US 2000740096 | A | 20001218 | |

Priority Applications (No Type Date): US 2000740096 A 20001218; US 96768663 A 19961218; US 98165706 A 19981002

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|----------------|------|-----|-------------|----------|--------------------------------|
| US 20010039397 | A1 | 38 | A61M-037/00 | | CIP of application US 96768663 |
| | | | | | CIP of application US 98165706 |
| | | | | | CIP of patent US 5840071 |
| | | | | | CIP of patent US 6176845 |

...Inventor: **GARRISON J**

Abstract (Basic):

... rate over extended time periods. The fluid delivery device is compact, less weight and laminate **construction**. The device easily used by persons in non-hospital environment, is manufactured at low cost...

19/3,K/3 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014189519 **Image available**

WPI Acc No: 2002-010216/200201

Related WPI Acc No: 1999-033904; 2000-303661; 2000-303662; 2001-101546;
2002-010217

XRAM Acc No: C02-002424

XRPX Acc No: N02-008554

Medical fluids infusing device includes base assembly consisting distendable membrane components which distend by fluid pressure, and thin films for visual indication of fluid flow from reservoir

Patent Assignee: ARNOLD S M (ARNO-I); GARRISON J (GARR-I); KAZEMZADEH F (KAZE-I); KRIESEL M S (KRIE-I)

Inventor: ARNOLD S M; **GARRISON J**; KAZEMZADEH F; KRIESEL M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20010039396 | A1 | 20011108 | US 96768663 | A | 19961218 | 200201 B |
| | | | US 98139605 | A | 19980824 | |
| | | | US 2000732857 | A | 20001207 | |

Priority Applications (No Type Date): US 96768663 A 19961218; US 98139605 A 19980824; US 2000732857 A 20001207

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|----------------|------|-----|----|-------------|--------------------------------|
| US 20010039396 | A1 | | 35 | A61M-037/00 | Div ex application US 96768663 |
| | | | | | Div ex application US 98139605 |
| | | | | | Div ex patent US 5840071 |
| | | | | | Div ex patent US 6159180 |

...Inventor: GARRISON J

Abstract (Basic):

... The apparatus expelling fluid at precisely controlled rate has low profile and laminate **construction** device. The device is reliably used by the lay persons in non-hospital environment. Fluid...

19/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013617338 **Image available**

WPI Acc No: 2001-101546/200111

Related WPI Acc No: 1999-033904; 2000-303661; 2000-303662; 2001-024959; 2002-010216; 2002-010217

XRAM Acc No: C01-029532

XRPX Acc No: N01-075333

Fluid delivery device for infusing medicinal agents to an ambulatory patient includes a reservoir assembly, stored energy source, fluid delivery mechanism, flow control mechanism, and pierceable septum assembly

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; GARRISON J ; KAZEMZADEH F; KRIESEL M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 6159180 | A | 20001212 | US 96768663 | A | 19961218 | 200111 B |
| | | | US 98139605 | A | 19980824 | |

Priority Applications (No Type Date): US 96768663 A 19961218; US 98139605 A 19980824

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------------------------|
| US 6159180 | A | | 32 | A61M-037/00 | Div ex application US 96768663 |
| | | | | | Div ex patent US 5840071 |

...Inventor: GARRISON J

Abstract (Basic):

... The device is of compact, low profile, laminate **construction** . It can be used with minimal professional assistance in an alternate health care environment e...

19/3,K/5 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013131790 **Image available**

WPI Acc No: 2000-303661/200026

Related WPI Acc No: 1999-033904; 2000-303662; 2001-024959; 2001-101546; 2002-010216; 2002-010217

XRAM Acc No: C00-092188

XRPX Acc No: N00-226884

. Variable rate infusion apparatus useful for accurately infusing medicinal agents into an ambulatory patient at specific rates over extended time periods .

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; **GARRISON J** ; KAZEMZADEH F; KRIESEL M S; ARNOLD S; KRIESEL M

Number of Countries: 082 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|--------------|------|----------|----------|
| WO 200020067 | A1 | 20000413 | WO 99US22729 | A | 19991001 | 200026 B |
| AU 9962786 | A | 20000426 | AU 9962786 | A | 19991001 | 200036 |
| US 6231545 | B1 | 20010515 | US 96768663 | A | 19961218 | 200129 |
| | | | US 98165713 | A | 19981002 | |

Priority Applications (No Type Date): US 98165713 A 19981002; US 96768663 A 19961218

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|--------------|----|---|----|-------------|--|
| WO 200020067 | A1 | E | 63 | A61M-037/00 | |
|--------------|----|---|----|-------------|--|

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

| | | | | |
|------------|---|--|-------------|------------------------------|
| AU 9962786 | A | | A61M-037/00 | Based on patent WO 200020067 |
|------------|---|--|-------------|------------------------------|

| | | | | |
|------------|----|--|-------------|--|
| US 6231545 | B1 | | A61M-037/00 | CIP of application US 96768663 CIP of patent US 5840071 |
|------------|----|--|-------------|--|

...Inventor: **GARRISON J**

Abstract (Basic):

... the field shortly prior to use. The apparatus is of a compact, low profile, laminate **construction** .

19/3,K/6 (Item 6 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

012227798 **Image available**

WPI Acc No: 1999-033904/199903

Related WPI Acc No: 2000-303661; 2000-303662; 2001-024959; 2001-101546; 2002-010216; 2002-010217

XRAM Acc No: C99-010066

XRPX Acc No: N99-025413

Device for infusing medicinal agents into ambulatory patient over extended periods - has hollow cannula mounted within chamber of base, fluid reservoir formed by chamber and stored energy device having distendable member(s) and reservoir has inlet, outlet and visual flow indicator

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; **GARRISON J** ; KAZEMZADEH F; KRIESEL M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5840071 | A | 19981124 | US 96768663 | A | 19961218 | 199903 B |

Priority Applications (No Type Date): US 96768663 A 19961218

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|------------|---|--|----|-------------|--|
| US 5840071 | A | | 33 | A61M-037/00 | |
|------------|---|--|----|-------------|--|

...Inventor: **GARRISON J**

...Abstract (Basic): ADVANTAGE - The infusion device is compact, low profile and of laminated construction .

19/3,K/7 (Item 7 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012191892 **Image available**
WPI Acc No: 1998-608805/199851
Related WPI Acc No: 1997-342113
XRPX Acc No: N98-473529

Fail safe movement of elevator cabs for tall buildings - has auxiliary pinion on bottom of cab engaged by motorised pinion on adjacent car frame to pull cab across to other frame for continued travel

Patent Assignee: OTIS ELEVATOR CO (OTIS)
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON L; WAN S C
Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5829553 | A | 19981103 | US 95564704 | A | 19951129 | 199851 B |
| | | | US 96663869 | A | 19960619 | |

Priority Applications (No Type Date): US 96663869 A 19960619; US 95564704 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|-------------|--------------------------------|--------------|
| US 5829553 | A | 21 | B66B-011/02 | CIP of application US 95564704 | |

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Allows single cab to travel full length of tall building .

19/3,K/8 (Item 8 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011945635 **Image available**
WPI Acc No: 1998-362545/199831
XRPX Acc No: N98-283059

Device for use in infusing medicinal fluid into patient at controlled rate - has fill member receivable within base receiving chamber for filling fluid reservoir, and fluid actuated indicator member for visually indicating fluid flow from fluid reservoir

Patent Assignee: SCI INC (SCSC-N)
Inventor: ARNOLD S M; GARRISON J ; KAZEMZADEH F; KRIESEL M S
Number of Countries: 079 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|--------------|------|----------|----------|
| WO 9826834 | A1 | 19980625 | WO 97US23604 | A | 19971218 | 199831 B |
| AU 9858036 | A | 19980715 | AU 9858036 | A | 19971218 | 199846 |
| EP 1007144 | A1 | 20000614 | EP 97954194 | A | 19971218 | 200033 |
| | | | WO 97US23604 | A | 19971218 | |

Priority Applications (No Type Date): US 96769705 A 19961218

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-------|-------------|----------|--------------|
| WO 9826834 | A1 | E 102 | A61M-037/00 | | |

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
 UG UZ VN YU ZW
 Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE
 IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
 AU 9858036 A A61M-037/00 Based on patent WO 9826834
 EP 1007144 A1 E A61M-037/00 Based on patent WO 9826834
 Designated States (Regional): CH DE DK ES FR GB IT LI NL SE

...Inventor: GARRISON J

...Abstract (Basic): expelling fluids at a precisely controlled rate which
 is of a compact, low profile, laminate construction .

19/3,K/9 (Item 9 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

011882986 **Image available**
 WPI Acc No: 1998-299896/199827
 XRPX Acc No: N98-234689

Shuttle elevators utilising method with horizontal moving passenger cabs
 - exchanging passenger cab at first point along hoistway on corresponding
 car frame for freight container, car frame carrying freight container is
 moved to selected freight landing and container is transferred from frame
 to landing

Patent Assignee: OTIS ELEVATOR CO (OTIS)
 Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL
 B A; WAN S C; WIERSCHKE G W
 Number of Countries: 028 Number of Patents: 005
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 846643 | A1 | 19980610 | EP 97309779 | A | 19971204 | 199827 B |
| JP 10167629 | A | 19980623 | JP 97335243 | A | 19971205 | 199835 |
| KR 98063784 | A | 19981007 | KR 9765883 | A | 19971204 | 199949 |
| SG 71060 | A1 | 20000321 | SG 974008 | A | 19971111 | 200022 |
| CN 1189445 | A | 19980805 | CN 97129702 | A | 19971204 | 200272 |

Priority Applications (No Type Date): US 96761044 A 19961205

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--|------|-----|----|-------------|--------------|
| EP 846643 | A1 | E | 13 | B66B-009/00 | |
| Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI | | | | | |
| JP 10167629 | A | | 10 | B66B-009/16 | |
| KR 98063784 | A | | | B66B-009/00 | |
| SG 71060 | A1 | | | B66B-009/00 | |
| CN 1189445 | A | | | B66B-009/16 | |

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Can carry upwards in building during
 early night time, or evening, hours, and empty freight containers are
 carried downwards in building during late night time, early morning,
 hours...

19/3,K/10 (Item 10 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

011846299 **Image available**
 WPI Acc No: 1998-263209/199824
 Related WPI Acc No: 1998-044260

XRPX Acc No: N98-207572

Horizontal and vertical passenger transport system - involves elevator cabs being transferred between elevators, which may be shuttles, in various levels of building, using carriages or bogies onto elevator car frames (@4) in lateral direction.

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 030 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 842888 | A1 | 19980520 | EP 97309210 | A | 19971114 | 199824 B |
| AU 9742893 | A | 19980521 | AU 9742893 | A | 19971027 | 199832 |
| JP 10167627 | A | 19980623 | JP 97310264 | A | 19971112 | 199835 |
| US 5861586 | A | 19990119 | US 96666162 | A | 19960619 | 199911 |
| | | | US 96749296 | A | 19961114 | |
| SG 64455 | A1 | 19990427 | SG 973840 | A | 19971022 | 199933 |
| KR 98042456 | A | 19980817 | KR 9760195 | A | 19971114 | 199937 |
| AU 735064 | B | 20010628 | AU 9742893 | A | 19971027 | 200142 |
| CN 1189444 | A | 19980805 | CN 97122495 | A | 19971113 | 200272 |

Priority Applications (No Type Date): US 96749296 A 19961114; US 96666162 A 19960619

Patent Details:

| Patent No | Kind | Lang | Pg | Main IPC | Filing Notes |
|-----------|------|------|----|----------|--------------|
|-----------|------|------|----|----------|--------------|

| | | | | | |
|-----------|----|---|----|-------------|--|
| EP 842888 | A1 | E | 33 | B66B-009/00 | |
|-----------|----|---|----|-------------|--|

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
LT LU LV MC MK NL PT RO SE SI

| | | | | | |
|------------|---|--|--|-------------|--|
| AU 9742893 | A | | | B66B-009/00 | |
|------------|---|--|--|-------------|--|

| | | | | | |
|-------------|---|--|----|-------------|--|
| JP 10167627 | A | | 26 | B66B-009/16 | |
|-------------|---|--|----|-------------|--|

| | | | | | |
|------------|---|--|--|-------------|--------------------------------|
| US 5861586 | A | | | B66B-009/00 | CIP of application US 96666162 |
|------------|---|--|--|-------------|--------------------------------|

CIP of patent US 5773772

| | | | | | |
|----------|----|--|--|-------------|--|
| SG 64455 | A1 | | | B66B-009/02 | |
|----------|----|--|--|-------------|--|

| | | | | | |
|-------------|---|--|--|-------------|--|
| KR 98042456 | A | | | B66B-009/00 | |
|-------------|---|--|--|-------------|--|

| | | | | | |
|-----------|---|--|--|-------------|----------------------------------|
| AU 735064 | B | | | B66B-009/00 | Previous Publ. patent AU 9742893 |
|-----------|---|--|--|-------------|----------------------------------|

| | | | | | |
|------------|---|--|--|-------------|--|
| CN 1189444 | A | | | B66B-009/00 | |
|------------|---|--|--|-------------|--|

... involves elevator cabs being transferred between elevators, which may be shuttles, in various levels of building, using carriages or bogies onto elevator car frames (@4) in lateral direction.

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - The horizontal transportation may occur on transport floors within a building, or may extend between different building segments or between different buildings. (see image 0.1...

19/3,K/11 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011812520 **Image available**

WPI Acc No: 1998-229430/199820

XRPX Acc No: N98-181691

Emergency power and communication system for elevator car without travelling cable - uses flywheel motor generator which is accelerated when elevator car is near landing, by power supplied through brushes from power tracks

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BITTAR J; MCCARTHY R C

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| US 5732795 | A | 19980331 | US 96632380 | A | 19960410 | 199820 B |
| JP 10067472 | A | 19980310 | JP 9791886 | A | 19970410 | 199820 |

Priority Applications (No Type Date): US 96632380 A 19960410

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| US 5732795 | A | | 11 | B66B-009/02 | |
| JP 10067472 | A | | 12 | B66B-001/34 | |

...Inventor: MCCARTHY R C

...Abstract (Basic): The elevator system has a car disposed for travel within a hoistway of a **building** . It comprises a pair of power tracks (32) mounted adjacent each landing within the hoistway of the **building** . A pair of brushes (34) are disposed on the car for contacting the power tracks when adjacent to them. A first radio transceiver is disposed in the **building** , and the elevator car is adapted to travel within the hoistway between the landings of the **building** .

19/3,K/12 (Item 12 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011671907 **Image available**

WPI Acc No: 1998-088816/199809

XRPX Acc No: N98-070500

Motor elevator shuttle method using multi-deck car frames - uses overlapping, contiguous hoistways with each successively higher hoistway carrying one less cab

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; WAN S C; WIERSCHKE G W

Number of Countries: 027 Number of Patents: 005

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 820952 | A2 | 19980128 | EP 97305588 | A | 19970725 | 199809 B |
| JP 10114471 | A | 19980506 | JP 97199572 | A | 19970725 | 199828 |
| KR 98009082 | A | 19980430 | KR 9734938 | A | 19970725 | 199914 |
| US 5924524 | A | 19990720 | US 96684867 | A | 19960725 | 199935 |
| | | | US 96751797 | A | 19961118 | |
| CN 1172763 | A | 19980211 | CN 97104670 | A | 19970724 | 200169 |

Priority Applications (No Type Date): US 96751797 A 19961118; US 96684867 A 19960725

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|-------------|--------------|
| EP 820952 | A2 | E | 15 | B66B-001/18 | |

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT RO SE SI

| | | | | | |
|-------------|---|--|----|-------------|--------------------------------|
| JP 10114471 | A | | 11 | B66B-001/06 | |
| KR 98009082 | A | | | B66B-009/16 | |
| US 5924524 | A | | | B66B-009/00 | CIP of application US 96684867 |
| CN 1172763 | A | | | B66B-009/00 | |

...Inventor: MCCARTHY R C

...Abstract (Basic): the core space required to provide an elevator shuttle to several upper levels in a **building** .

19/3,K/13 (Item 13 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011627132 **Image available**

WPI Acc No: 1998-044260/199805

Related WPI Acc No: 1998-263209

XRPX Acc No: N98-035386

Transferring apparatus for lift cars between non-contiguous shafts in tall buildings - uses controller for exchange of cars by linear induction motor driven carriages incorporating locks and riding on castors in guide tracks

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 027 Number of Patents: 005

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 814049 | A1 | 19971229 | EP 97304316 | A | 19970619 | 199805 B |
| JP 10067477 | A | 19980310 | JP 97162988 | A | 19970619 | 199820 |
| US 5773772 | A | 19980630 | US 96666162 | A | 19960619 | 199833 |
| KR 98001791 | A | 19980330 | KR 9725711 | A | 19970619 | 199902 |
| CN 1180649 | A | 19980506 | CN 97114912 | A | 19970618 | 200236 |

Priority Applications (No Type Date): US 96666162 A 19960619

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

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|-----------|----|---|----------------|--|
| EP 814049 | A1 | E | 25 B66B-009/02 | |
|-----------|----|---|----------------|--|

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
LT LU LV MC NL PT RO SE SI

| | | | |
|-------------|---|----|-------------|
| JP 10067477 | A | 21 | B66B-009/16 |
|-------------|---|----|-------------|

| | | | |
|------------|---|--|-------------|
| US 5773772 | A | | B66B-009/00 |
|------------|---|--|-------------|

| | | | |
|-------------|---|--|-------------|
| KR 98001791 | A | | B66B-009/00 |
|-------------|---|--|-------------|

| | | | |
|------------|---|--|-------------|
| CN 1180649 | A | | B66B-009/16 |
|------------|---|--|-------------|

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Uses tall **building** core space more efficiently. Facilitates movement of lift cars between lift frames disposed in non...

19/3,K/14 (Item 14 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011627131 **Image available**

WPI Acc No: 1998-044259/199805

XRPX Acc No: N98-035385

Shuttle passenger lifts system feeding local lifts e.g. in tall buildings - uses controller, transfer floor, car-carriers between sets of passenger lifts, wheel track segments and linear induction motor prim. segments

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; WIERSCHKE G W

Number of Countries: 027 Number of Patents: 005

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 814048 | A1 | 19971229 | EP 97304315 | A | 19970619 | 199805 B |
| JP 10067471 | A | 19980310 | JP 97162989 | A | 19970619 | 199820 |
| US 5823299 | A | 19981020 | US 96666188 | A | 19960619 | 199849 |
| KR 98001785 | A | 19980330 | KR 9725713 | A | 19970619 | 199902 |
| CN 1180042 | A | 19980429 | CN 97113770 | A | 19970618 | 200234 |

Priority Applications (No Type Date): US 96666188 A 19960619

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|-----------|----|---|----------------|--|
| EP 814048 | A1 | E | 25 B66B-009/00 | |
|-----------|----|---|----------------|--|

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

. LT LU LV MC NL PT RO SE SI
 JP 10067471 A 19 B66B-001/18
 US 5823299 . A B66B-001/00
 KR 98001785 A B66B-001/00
 CN 1180042 A B66B-009/16

...Inventor: MCCARTHY R C

...Abstract (Basic): of express passenger lift shuttles providing service from a lobby in one end of a **building** to a transfer floor in another end of the **building** with local lifts serving contiguous floors. Passenger cars are transferred in car-carriers between local...

...ADVANTAGE - Avoids passengers having to walk between different lifts. Uses tall **building** core space more efficiently especially at lower floors of **building** . Provides better local lift service at high end of **building** .

19/3,K/15 (Item 15 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

011627130 **Image available**
 WPI Acc No: 1998-044258/199805
 Related WPI Acc No: 1997-291202
 XRPX Acc No: N98-035384

Synchronised lift arrival method at floor levels in building - uses passenger cars, on castors in carriers in lift shafts, with carrier arrivals synchronised for exchange between lifts at transfer floors

Patent Assignee: OTIS ELEVATOR CO (OTIS)
 Inventor: BARKER F H; BENNET P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; BENNETT P; SALMON L
 Number of Countries: 029 Number of Patents: 009
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 814047 | A1 | 19971229 | EP 97304314 | A | 19970619 | 199805 B |
| JP 10067470 | A | 19980310 | JP 97161762 | A | 19970619 | 199820 |
| US 5785153 | A | 19980728 | US 95564703 | A | 19951129 | 199837 |
| | | | US 96666181 | A | 19960619 | |
| KR 98001792 | A | 19980330 | KR 9725712 | A | 19970619 | 199902 |
| TW 426632 | A | 20010321 | TW 97108642 | A | 19970620 | 200151 |
| EP 814047 | B1 | 20011107 | EP 97304314 | A | 19970619 | 200169 |
| DE 69707979 | E | 20011213 | DE 607979 | A | 19970619 | 200205 |
| | | | EP 97304314 | A | 19970619 | |
| CN 1176932 | A | 19980325 | CN 97114845 | A | 19970618 | 200209 |
| SG 90703 | A1 | 20020820 | SG 972048 | A | 19970613 | 200277 |

Priority Applications (No Type Date): US 96666181 A 19960619; US 95564703 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|------|-----|----|-------------|--|
| EP 814047 | A1 | E | 36 | B66B-001/18 | |
| Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI | | | | | |
| LT LU LV MC NL PT RO SE SI | | | | | |
| JP 10067470 | A | | 29 | B66B-001/18 | |
| US 5785153 | A | | | B66B-009/00 | CIP of application US 95564703 CIP of patent US 5660249 |
| KR 98001792 | A | | | B66B-009/00 | |
| TW 426632 | A | | | B66B-001/00 | |
| EP 814047 | B1 | E | | B66B-001/18 | |
| Designated States (Regional): DE FR GB | | | | | |
| DE 69707979 | E | | | B66B-001/18 | Based on patent EP 814047 |
| CN 1176932 | A | | | B66B-001/20 | |

Synchronised lift arrival method at floor levels in building -
 ...Inventor: **MCCARTHY R C**

...Abstract (Basic): In a more complex high rise **building** system,
 non-stop between major stages shuttle lifts (S1,S2,S3) exchange
 passenger cars with...

19/3,K/16 (Item 16 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

011364205 **Image available**
 WPI Acc No: 1997-342112/199732
 XRPX Acc No: N97-283851

**Method of moving lift cabin between three floors of building - involves
 moving cabin to middle floor, then moving it to different lift shaft
 while other cabins are moved into its old shaft and out of its new one
 respectively**

Patent Assignee: OTIS ELEVATOR CO (OTIS)
 Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; **MCCARTHY R C** ; POWELL
 B A; SALMON J K; WAN S C; SALMON L
 Number of Countries: 010 Number of Patents: 008
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| AU 9671982 | A | 19970612 | AU 9671982 | A | 19961126 | 199732 B |
| EP 781724 | A2 | 19970702 | EP 96308661 | A | 19961129 | 199732 |
| JP 9165148 | A | 19970624 | JP 96319338 | A | 19961129 | 199735 |
| US 5651426 | A | 19970729 | US 95564534 | A | 19951129 | 199736 |
| CA 2189919 | A | 19970530 | CA 2189919 | A | 19961108 | 199739 |
| ZA 9609381 | A | 19970827 | ZA 969381 | A | 19961107 | 199740 |
| KR 97026873 | A | 19970624 | KR 9657164 | A | 19961125 | 199825 |
| CN 1160011 | A | 19970924 | CN 96121364 | A | 19961128 | 200143 |

Priority Applications (No Type Date): US 95564534 A 19951129
 Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--|------|-----|-------------|----------|--------------|
| AU 9671982 | A | 68 | B66B-009/16 | | |
| EP 781724 | A2 E | 29 | B66B-001/14 | | |
| Designated States (Regional): DE FR GB | | | | | |
| JP 9165148 | A | 24 | B66B-001/18 | | |
| US 5651426 | A | 25 | B66B-009/00 | | |
| CA 2189919 | A | | B66B-001/18 | | |
| ZA 9609381 | A | 64 | B66B-000/00 | | |
| KR 97026873 | A | | B66B-009/00 | | |
| CN 1160011 | A | | B66B-001/00 | | |

Method of moving lift cabin between three floors of building -
 ...Inventor: **MCCARTHY R C**

...Abstract (Basic): The method avoids using lift interchange lobbies, and
 needs few lift shafts, therefore giving the **building** a small core...
 ...Abstract (Equivalent): A method of moving passengers between two
 passenger lobby floors of a **building** , comprising...

...than said upper and lower passenger lobby floors being at a transfer
 level of said **building** along with a terminal level of another one of
 said elevators, and a plurality of...

19/3,K/17 (Item 17 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

Q11313307 **Image available**

WPI Acc No: 1997-291211/199727

XRPX Acc No: N97-241020

Locking of elevator car frame to building elevator hoist-way, during loading-unloading of horizontally moving cab - using jack screw or solenoid device control a bolt to extend across the interface between the car frame and building, locking the frame at floor landing levels

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 010 Number of Patents: 009

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 776859 | A2 | 19970604 | EP 96308660 | A | 19961129 | 199727 B |
| AU 9671902 | A | 19970605 | AU 9671902 | A | 19961120 | 199731 |
| JP 9165170 | A | 19970624 | JP 96319336 | A | 19961129 | 199735 |
| CA 2189936 | A | 19970530 | CA 2189936 | A | 19961108 | 199739 |
| ZA 9609386 | A | 19970827 | ZA 969386 | A | 19961107 | 199740 |
| EP 776859 | A3 | 19971126 | EP 96308660 | A | 19961129 | 199816 |
| KR 97026875 | A | 19970624 | KR 9657662 | A | 19961126 | 199825 |
| US 5771995 | A | 19980630 | US 95565648 | A | 19951129 | 199833 |
| CN 1158318 | A | 19970903 | CN 96119299 | A | 19961128 | 200140 |

Priority Applications (No Type Date): US 95565648 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

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|-----------|----|---|---|-------------|--|
| EP 776859 | A2 | E | 7 | B66B-011/02 | |
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Designated States (Regional): DE FR GB

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|------------|---|--|--|-------------|--|
| AU 9671902 | A | | | B66B-001/42 | |
|------------|---|--|--|-------------|--|

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|------------|---|--|---|-------------|--|
| JP 9165170 | A | | 7 | B66B-011/02 | |
|------------|---|--|---|-------------|--|

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|------------|---|--|--|-------------|--|
| CA 2189936 | A | | | B66B-005/26 | |
|------------|---|--|--|-------------|--|

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|------------|---|--|----|-------------|--|
| ZA 9609386 | A | | 19 | B66B-000/00 | |
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| EP 776859 | A3 | | | B66B-011/02 | |
|-----------|----|--|--|-------------|--|

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|-------------|---|--|--|-------------|--|
| KR 97026875 | A | | | B66B-009/00 | |
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|------------|---|--|--|-------------|--|
| US 5771995 | A | | | B66B-005/16 | |
|------------|---|--|--|-------------|--|

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|------------|---|--|--|-------------|--|
| CN 1158318 | A | | | B66B-013/02 | |
|------------|---|--|--|-------------|--|

Locking of elevator car frame to building elevator hoist-way, during loading-unloading of horizontally moving cab...

...solenoid device control a bolt to extend across the interface between the car frame and building, locking the frame at floor landing levels

...Inventor: MCCARTHY R C

...Abstract (Basic): from the side of the car frame across the interface between the car frame and building structure which is provided with strike (39) to accept the bolt...

19/3,K/18 (Item 18 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

Q11313304 **Image available**

WPI Acc No: 1997-291208/199727

XRPX Acc No: N97-241017

Controlling elevator system in building with several shuttle elevators - commandeering particular elevator to transfer emergency cab to floor where alarm has been sounded

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 009 Number of Patents: 007

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|------|-------------|------|------|------|
|-----------|------|------|-------------|------|------|------|

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|-------------|----|----------|-------------|---|----------|--------|---|
| EP 776856 | A2 | 19970604 | EP 96308656 | A | 19961129 | 199727 | B |
| AU 9671985 | A | 19970612 | AU 9671985 | A | 19961126 | 199732 | |
| JP 9165155 | A | 19970624 | JP 96319340 | A | 19961129 | 199735 | |
| US 5655625 | A | 19970812 | US 95564773 | A | 19951129 | 199738 | |
| CA 2189922 | A | 19970530 | CA 2189922 | A | 19961108 | 199739 | |
| ZA 9609383 | A | 19970827 | ZA 969383 | A | 19961107 | 199740 | |
| KR 97026872 | A | 19970624 | KR 9656930 | A | 19961123 | 199825 | |

Priority Applications (No Type Date): US 95564773 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

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|-----------|----|---|----|-------------|--|
| EP 776856 | A2 | E | 22 | B66B-005/00 | |
|-----------|----|---|----|-------------|--|

Designated States (Regional): DE FR GB

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|------------|---|----|-------------|
| JP 9165155 | A | 19 | B66B-005/00 |
|------------|---|----|-------------|

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|------------|---|----|-------------|
| US 5655625 | A | 20 | B66B-009/00 |
|------------|---|----|-------------|

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|------------|---|----|-------------|
| ZA 9609383 | A | 45 | B66B-000/00 |
|------------|---|----|-------------|

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|------------|---|--|-------------|
| AU 9671985 | A | | B66B-009/16 |
|------------|---|--|-------------|

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|------------|---|--|-------------|
| CA 2189922 | A | | B66B-001/34 |
|------------|---|--|-------------|

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|-------------|---|--|-------------|
| KR 97026872 | A | | B66B-009/00 |
|-------------|---|--|-------------|

Controlling elevator system in building with several shuttle elevators

...

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Greater range than conventional elevator.

Rapid response to alarms. Efficient use of **building** core...

...Abstract (Equivalent): An elevator system in a **building**, comprising...

...elevators, each having a car frame moveable in a hoistway between terminal floors of said **building** ;

...

...disposed when not in use on a first landing on a first floor of said **building** between said terminal floors and adjacent to the hoistways of said elevators...

...associated with said emergency cab and for providing an indication of the floor of the **building** on which said emergency service is requested; and...

...for causing said car frame to move said emergency cab to the floor of the **building** on which said emergency service is requested

19/3,K/19 (Item 19 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011313302 **Image available**

WPI Acc No: 1997-291206/199727

XRPX Acc No: N97-241015

Elevator system for use in very tall building - senses weight of cab supported by lock bolt and provides torque to take weight off bolts before unlocking them

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL

B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 009 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 776854 | A2 | 19970604 | EP 96308659 | A | 19961129 | 199727 B |
| AU 9671901 | A | 19970605 | AU 9671901 | A | 19961120 | 199731 |
| JP 9165169 | A | 19970624 | JP 96319335 | A | 19961129 | 199735 |
| CA 2189937 | A | 19970530 | CA 2189937 | A | 19961108 | 199739 |
| ZA 9609387 | A | 19970827 | ZA 969387 | A | 19961107 | 199740 |

EP 776854 A3 19971126 EP 96308659 A 19961129 199816
 KR 97026859 A 19970624 KR 9656929 A 19961123 199825
 US 5862886 A 19990126 US 95564028 A 19951129 199911

Priority Applications (No Type Date): US 95564028 A 19951129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 776854 A2 E 9 B66B-001/28

Designated States (Regional): DE FR GB

JP 9165169 A 9 B66B-011/02

ZA 9609387 A 23 B66B-000/00

AU 9671901 A B66B-001/42

CA 2189937 A B66B-001/36

EP 776854 A3 B66B-001/28

KR 97026859 A B66B-001/24

US 5862886 A B66B-001/40

Elevator system for use in very tall building -

...Inventor: MCCARTHY R C

...Abstract (Basic): a signal. The lock includes a bolt which extends
 between the car frame and a **building** when the lock is engaged...

19/3,K/20 (Item 20 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011313300 **Image available**

WPI Acc No: 1997-291204/199727

XRPX Acc No: N97-241013

Elevator shuttle system for moving passengers between landings in

building - has double deck elevator cars which can be moved in

corresponding, adjacent, overlapping hoistways, under software control

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL

B A; SALMON J K; WAN S C

Number of Countries: 012 Number of Patents: 012

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 776852 | A1 | 19970604 | EP 96308667 | A | 19961129 | 199727 B |
| AU 9671917 | A | 19970605 | AU 9671917 | A | 19961121 | 199731 |
| JP 9165146 | A | 19970624 | JP 96319344 | A | 19961129 | 199735 |
| CA 2189938 | A | 19970530 | CA 2189938 | A | 19961108 | 199739 |
| ZA 9609389 | A | 19970827 | ZA 969389 | A | 19961107 | 199740 |
| US 5663539 | A | 19970902 | US 95564697 | A | 19951129 | 199741 |
| KR 97026878 | A | 19970624 | KR 9658886 | A | 19961128 | 199825 |
| TW 349073 | A | 19990101 | TW 97102475 | A | 19970303 | 199925 |
| EP 776852 | B1 | 20010404 | EP 96308667 | A | 19961129 | 200120 |
| DE 69612354 | E | 20010510 | DE 612354 | A | 19961129 | 200134 |
| | | | EP 96308667 | A | 19961129 | |
| CN 1166445 | A | 19971203 | CN 96123405 | A | 19961128 | 200154 |
| SG 90699 | A1 | 20020820 | SG 9611415 | A | 19961125 | 200277 |

Priority Applications (No Type Date): US 95564697 A 19951129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 776852 A1 E 12 B66B-001/14

Designated States (Regional): DE FR GB

AU 9671917 A B66B-009/00

JP 9165146 A 11 B66B-001/16

CA 2189938 A B66B-011/02

ZA 9609389 A 30 B66B-000/00

US 5663539 A 10 B66B-001/18

KR 97026878 A B66B-009/00

TW 349073 A B66B-001/00

EP 776852 B1 E B66B-001/14
Designated States (Regional): DE FR GB
DE 69622354 • E B66B-001/14 Based on patent EP 776852
CN 1166445 A B66B-001/00
SG 90699 A1 B66B-009/00
Elevator shuttle system for moving passengers between landings in building -
...Inventor: MCCARTHY R C

...Abstract (Equivalent): An elevator shuttle system for moving passengers between landings at two levels of a **building**, comprising...

...being aligned with a landing at a top level of said system high in said **building** and the low end of said lowest elevator being aligned with a landing at a bottom level of said system low in said **building**;

19/3,K/21 (Item 21 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011313299 **Image available**
WPI Acc No: 1997-291203/199727
XRPX Acc No: N97-241012

Synchronised elevator shuttle for use in very tall building - moves elevator cab from landing to car frame at same time as other cab is moved from car frame on to landing, under software control

Patent Assignee: OTIS ELEVATOR CO (OTIS)
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 010 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 776851 | A2 | 19970604 | EP 96308662 | A | 19961129 | 199727 B |
| AU 9671915 | A | 19970605 | AU 9671915 | A | 19961121 | 199731 |
| JP 9165157 | A | 19970624 | JP 96319339 | A | 19961129 | 199735 |
| CA 2189921 | A | 19970530 | CA 2189921 | A | 19961108 | 199739 |
| ZA 9609382 | A | 19970827 | ZA 969382 | A | 19961107 | 199740 |
| KR 97026877 | A | 19970624 | KR 9658885 | A | 19961128 | 199825 |
| US 5758748 | A | 19980602 | US 95565606 | A | 19951129 | 199829 |
| SG 90700 | A1 | 20020820 | SG 9611447 | A | 19961126 | 200277 |

Priority Applications (No Type Date): US 95565606 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|-------------|--------------|
| EP 776851 | A2 | E | 14 | B66B-001/14 | |

Designated States (Regional): DE FR GB

| | | | | |
|-------------|----|----|--|-------------|
| AU 9671915 | A | | | B66B-009/00 |
| JP 9165157 | A | 13 | | B66B-007/00 |
| CA 2189921 | A | | | B66B-001/18 |
| ZA 9609382 | A | 32 | | B66B-000/00 |
| KR 97026877 | A | | | B66B-009/00 |
| US 5758748 | A | | | B66B-009/16 |
| SG 90700 | A1 | | | B66B-009/00 |

Synchronised elevator shuttle for use in very tall building -

...Inventor: MCCARTHY R C

...Abstract (Basic): The shuttle includes a **building** with several mutually separated lobby levels with two passenger landings on opposite sides of a...

19/3,K/22 (Item 22 from file: 351)
DIALOG(R)File 351:Derwent WPI

011313298 ***Image available**
WPI Acc No: 1997-291202/199727
Related WPI Acc No: 1998-044258
XRPX Acc No: N97-241011

Elevator system for building with several levels - moves elevator cabs horizontally between car frames in different hoistways under control of computer

Patent Assignee: OTIS ELEVATOR CO (OTIS)
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 010 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 776850 | A2 | 19970604 | EP 96308647 | A | 19961129 | 199727 B |
| AU 9671916 | A | 19970605 | AU 9671916 | A | 19961121 | 199731 |
| JP 9165149 | A | 19970624 | JP 96319343 | A | 19961129 | 199735 |
| CA 2189939 | A | 19970530 | CA 2189939 | A | 19961108 | 199739 |
| US 5660249 | A | 19970826 | US 95564703 | A | 19951129 | 199740 |
| ZA 9609390 | A | 19970827 | ZA 969390 | A | 19961107 | 199740 |
| KR 97026874 | A | 19970624 | KR 9657165 | A | 19961125 | 199825 |
| CN 1157254 | A | 19970820 | CN 96117396 | A | 19961128 | 200137 |

Priority Applications (No Type Date): US 95564703 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|-----------|----|---|----|-------------|--|
| EP 776850 | A2 | E | 18 | B66B-001/14 | |
|-----------|----|---|----|-------------|--|

Designated States (Regional): DE FR GB

| | | | |
|-------------|---|----|-------------|
| AU 9671916 | A | 43 | B66B-009/00 |
| JP 9165149 | A | 18 | B66B-001/18 |
| CA 2189939 | A | | B66B-001/18 |
| US 5660249 | A | 16 | B66B-009/00 |
| ZA 9609390 | A | 41 | B66B-000/00 |
| KR 97026874 | A | | B66B-009/00 |
| CN 1157254 | A | | B66B-001/00 |

Elevator system for building with several levels...

...Inventor: MCCARTHY R C

...Abstract (Equivalent): An elevator system for a **building** having a plurality of levels, comprising...

...end of the corresponding hoistway, each hoistway except the lowest of said hoistways in said **building** having its low end at the same **building** level as the high end of another of said hoistways, each hoistway except the highest of said hoistways in said **building** having its high end at the same **building** level as the low end of another one of said hoistways, said lowest of said...

19/3,K/23 (Item 23 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011153537 **Image available**
WPI Acc No: 1997-131461/199712
XRPX Acc No: N97-108574

Socket plug assembly for horizontally movable elevator system for building - has cab on frame in hoistway, with plug socket assembly fitted on cab, and complementary assembly engaging on vertical movement on landing or on boom

Patent Assignee: OTIS ELEVATOR CO (OTIS)
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5601156 | A | 19970211 | US 95565647 | A | 19951129 | 199712 B |
| | | | US 96630223 | A | 19960410 | |
| AU 9716591 | A | 19971016 | AU 9716591 | A | 19970327 | 199801 |

Priority Applications (No Type Date): US 96630223 A 19960410; US 95565647 A 19951129

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|-------------|--------------------|--------------|
| US 5601156 | A | 10 | B66B-009/00 | CIP of application | US 95565647 |
| AU 9716591 | A | | B66B-009/00 | | |

Socket plug assembly for horizontally movable elevator system for building -

...Inventor: MCCARTHY R C

...Abstract (Basic): upper end of one of the hoistways (12) coincides at a given level of the **building** with the lower end of the other hoistway (14). A cab (10) can be loaded...

19/3,K/24 (Item 24 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011009329 **Image available**

WPI Acc No: 1996-506279/199650

Related WPI Acc No: 1998-168484; 1999-458951; 2000-125927; 2000-505090

XRPX Acc No: N96-426529

Fluid flow indicating appts. for flow conduit having outlet e.g. medical infusion appts. for patient - uses pair of overlayed thin indicia bearing films moved by actuators which respond to fluid pressure in conduit

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; GARRISON J ; KAZEMZADEH F; KRIESEL M S

Number of Countries: 063 Number of Patents: 007

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| WO 9635106 | A1 | 19961107 | WO 96US6099 | A | 19960501 | 199650 B |
| AU 9657213 | A | 19961121 | AU 9657213 | A | 19960501 | 199711 |
| EP 824674 | A1 | 19980225 | EP 96915440 | A | 19960501 | 199812 |
| | | | WO 96US6099 | A | 19960501 | |
| JP 11504713 | W | 19990427 | JP 96533470 | A | 19960501 | 199927 |
| | | | WO 96US6099 | A | 19960501 | |
| EP 824674 | B1 | 20000809 | EP 96915440 | A | 19960501 | 200039 |
| | | | WO 96US6099 | A | 19960501 | |
| DE 69609713 | E | 20000914 | DE 609713 | A | 19960501 | 200053 |
| | | | EP 96915440 | A | 19960501 | |
| | | | WO 96US6099 | A | 19960501 | |
| ES 2154404 | T3 | 20010401 | EP 96915440 | A | 19960501 | 200123 |

Priority Applications (No Type Date): US 95432220 A 19950501

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| WO 9635106 | A1 | E | 45 | G01L-007/00 | |

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9657213 A Based on patent WO 9635106

EP 824674 A1 E Based on patent WO 9635106

Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE

JP 11504713 W 51 G01P-013/00 Based on patent WO 9635106

EP 824674 B1 E G01L-007/00 Based on patent WO 9635106
 Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE
 DE 69609713 E G01L-007/00 Based on patent EP 824674
 Based on patent WO 9635106
 ES 2154404 T3 G01L-007/00 Based on patent EP 824674
 ...Inventor: GARRISON J

...Abstract (Basic): ADVANTAGE - Simple **construction** which is easy to maintain and reliable long-term operation. while indicating clearly fluid pressure...

19/3,K/25 (Item 25 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

011008966 **Image available**
 WPI Acc No: 1996-505916/199650
 XRPX Acc No: N96-426321

Device for accurately infusing medicinal agents into ambulatory patient - has distendable member superimposed over base which imparts pressure to fluid to be infused, and flow indicator with overlaying movable thin films

Patent Assignee: SCI INC (SCSC-N)
 Inventor: ARNOLD S M; GARRISON J ; KAZEMZADEH F; KRIESEL M S; KRIESEL M;
 KRIESELL M S

Number of Countries: 063 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|----------|----------|
| WO 9634651 | A1 | 19961107 | WO 96US6047 | A | 19960501 | 199650 B |
| AU 9656344 | A | 19961121 | AU 9656344 | A | 19960501 | 199711 |
| EP 900104 | A1 | 19990310 | EP 96913291 | A | 19960501 | 199914 |
| | | | WO 96US6047 | A | 19960501 | |
| BR 9608383 | A | 19990504 | BR 968383 | A | 19960501 | 199924 |
| | | | WO 96US6047 | A | 19960501 | |
| MX 9708395 | A1 | 19981001 | MX 978395 | A | 19971031 | 200019 |
| AU 722783 | B | 20000810 | AU 9656344 | A | 19960501 | 200043 |
| JP 2002514943 | W | 20020521 | JP 96533443 | A | 19960501 | 200236 |
| | | | WO 96US6047 | A | 19960501 | |
| MX 203921 | B | 20010824 | MX 978395 | A | 19971031 | 200238 |

Priority Applications (No Type Date): US 95430221 A 19950501

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9634651 A1 E 50 A61M-037/00
 Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
 ES FI GB GE HU IS JP KE KG KP KR KZ LK LT LU LV MD MG MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN
 Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT KE LS
 LU MC MW NL OA PT SD SE SZ UG

AU 9656344 A Based on patent WO 9634651
 EP 900104 A1 E A61M-037/00 Based on patent WO 9634651
 Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE
 BR 9608383 A Based on patent WO 9634651
 MX 9708395 A1 A61M-037/00
 AU 722783 B A61M-037/00 Previous Publ. patent AU 9656344
 Based on patent WO 9634651
 JP 2002514943 W 59 A61M-037/00 Based on patent WO 9634651
 MX 203921 B A61M-037/00

...Inventor: GARRISON J

...Abstract (Basic): The device is of a compact, low profile laminate **construction** and includes an elastic distendable membrane, which, in co-operation with a thin planar base...

19/3,K/26 (Item 26 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

003983096

WPI Acc No: 1984-128640/198421

XRPX Acc No: N84-095204

Passenger lift control system using microprocessor within cabin - has stationary transceiver for receiving call request information and providing dual tone signals to microprocessor

Patent Assignee: OTIS ELEVATOR CO (OTIS)

Inventor: MCCARTHY R C ; TWEED G C

Number of Countries: 008 Number of Patents: 009

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 3341416 | A | 19840517 | DE 3341416 | A | 19831115 | 198421 B |
| FR 2536056 | A | 19840518 | | | | 198425 |
| GB 2131573 | A | 19840620 | GB 8330732 | A | 19831117 | 198425 |
| AU 8320982 | A | 19840524 | | | | 198428 |
| FI 8304114 | A | 19840731 | | | | 198437 |
| US 4594570 | A | 19860610 | US 82442391 | A | 19821117 | 198626 |
| GB 2131573 | B | 19860723 | | | | 198630 |
| CA 1216085 | A | 19861230 | | | | 198705 |
| CH 674839 | A | 19900731 | | | | 199033 |

Priority Applications (No Type Date): US 82442391 A 19821117

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| DE 3341416 | A | | 30 | | |

Inventor: MCCARTHY R C ...

...Abstract (Basic): An elevator for servicing a plurality of floors in a **building** characterised by: a car; a car drive; a hall call button on a floor for...

...Abstract (Equivalent): An elevator for servicing a plurality of floors in a **building** characterised by: a car; a car drive; a hall call button on a floor for...

19/3,K/27 (Item 27 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01531616

SHIELDED STRUCTURE FOR RADIATION TREATMENT EQUIPMENT AND METHOD OF ASSEMBLY

STRUCTURE BLINDEE POUR EQUIPEMENT DE TRAITEMENT PAR RAYONNEMENT ET METHODE D'ASSEMBLAGE DE CETTE STRUCTURE

PATENT ASSIGNEE:

Mrad, Inc., (4276840), 1681 NW 93rd Avenue, Plantation, FL 33322, (US),
(Applicant designated States: all)

INVENTOR:

ZEIK, Gary , 1681 NW 93rd Avenue, Plantation, FL 33322 US, (US)
LANDAU, Eric , 243 Ocean Terrace, Palm Beach, FL 33480, (US)
GARRISON, Joe, Don , 4817 Oaknell Drive, Indianapolis, IN 46221, (US)
OQUIST, Cheri, Ann , 9750 SW 13th Street, Pembroke Pines, FL 33025, (US)
MCCARTHY, Ronald, C. , 35 Colby Way, Westwood, ME 02090, (US)
ENGLEHART, Theodore, M. , 4181 East 96th Street, Suite 200,
Indianapolis, IN 46240 US, (US)

PATENT (CC, No, Kind, Date):

WO 2002093588 021121

APPLICATION (CC, No, Date): EP 2002769728 020514; WO 2002US15170 020514

PRIORITY (CC, No, Date): US 854970 010514

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

. LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G21F-001/00
LANGUAGE (Publication,Procedural,Application): English; English; English

SHIELDED STRUCTURE FOR RADIATION TREATMENT EQUIPMENT AND METHOD OF ASSEMBLY

STRUCTURE BLINDEE POUR EQUIPEMENT DE TRAITEMENT PAR RAYONNEMENT ET
METHODE D'ASSEMBLAGE DE CETTE STRUCTURE

INVENTOR:

ZEIK, Gary ...

...US)

LANDAU, Eric ...

...US)

GARRISON, Joe, Don ...

...US)

OQUIST, Cheri, Ann ...

...US)

MCCARTHY, Ronald, C ...

...US)

ENGLEHART, Theodore, M ...

19/3,K/28 (Item 28 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00325948

Portable ultrasonic probe.

Tragbare Ultraschallsonde.

Sonde ultrasonique portative.

PATENT ASSIGNEE:

LABORATORY EQUIPMENT, CORP., (1039400), 156 East Harrison Street P.O. Box
787, Mooresville Indiana 46158, (US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Englehart, Theodore M. , 7771 Spring Mill Road, Indianapolis Indiana
46260, (US)

Morris, Richard F., 5860 W. Vermont, Indianapolis Indiana 46224, (US)

Sanghvi, Narendra T., 818 Culpeper Court, Indianapolis Indiana 46227, (US)

LEGAL REPRESENTATIVE:

Hranitzky, Wilhelm Max et al (39542), c/o WILLIAM BLANC & CIE Conseils en
Propriete Industrielle SA 6, rue de la Grotte, CH-1003 Lausanne, (CH)

PATENT (CC, No, Kind, Date): EP 320444 A1 890614 (Basic)

APPLICATION (CC, No, Date): EP 88810801 881123;

PRIORITY (CC, No, Date): US 125403 871125

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: A61B-008/08;

ABSTRACT WORD COUNT: 118

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF1 | 549 |
| SPEC A | (English) | EPABF1 | 4468 |
| Total word count - document A | | | 5017 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 5017 |

INVENTOR:

, Englehart, Theodore M ...

...SPECIFICATION ultrasound. More particularly, the present invention pertains to hand-held, portable imaging probes and the **structure** of such probes which enable the automatic scanning of the transmitted ultrasound beam.

Medical imaging...the transducer. Inasmuch as the focus of the present invention is on the design and **structure** of probe 20, the details of the support electronics which are well known is not...in a side-by-side arrangement and in a reversed or opposite fashion, this added **structure** is suitable to offset the vibration forces generated by the rapid rate of movement of...

show files;ds

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)

(c)- 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200315

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

| Set | Items | Description |
|-----|---------|---|
| S1 | 2213323 | COMPONENT? ? OR MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL- ??) () (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PRE- FAB |
| S2 | 1997167 | BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE |
| S3 | 2061066 | BARRIER OR SHIELD??? OR REINFORCE? OR BULKHEAD OR BUFFER OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT??? |
| S4 | 1129810 | THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING |
| S5 | 529397 | RADIATION OR RADIOACTIV? OR RAY? ? |
| S6 | 149173 | X()RAY OR XRAY OR RADIOTHERAPY OR PET OR POSITRON()EMISSION |
| S7 | 26935 | S1(2N)S2 |
| S8 | 1335 | S3(10N)S7 |
| S9 | 560368 | S5 OR S6 |
| S10 | 27 | S8(S)S9 |
| S11 | 27 | IDPAT (sorted in duplicate/non-duplicate order) |
| S12 | 27 | IDPAT (primary/non-duplicate records only) |

10/TI/1 (Item 1 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

TEMPORARY STRUCTURE FOR SHIELDING FROM RADIATION

10/TI/7 (Item 1 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

Waterproof structure for plate juncture of sheeting in building floor or roof, has fastener pinched into receiver in groove of gutter and to pressure plate hung across plate juncture
?ds

| Set | Items | Description |
|-----|---------|--|
| S1 | 2213323 | COMPONENT? ? OR MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL-??) () (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PRE-FAB |
| S2 | 1997167 | BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE |
| S3 | 2061066 | BARRIER OR SHIELD??? OR REINFORCE? OR BULKHEAD OR BUFFER OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT??? |
| S4 | 1129810 | THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING |
| S5 | 529397 | RADIATION OR RADIOACTIV? OR RAY? ? |
| S6 | 149173 | X()RAY OR XRAY OR RADIOTHERAPY OR PET OR POSITRON()EMISSION |
| S7 | 26935 | S1(2N)S2 |
| S8 | 1335 | S3(10N)S7 |
| S9 | 560368 | S5 OR S6 |
| S10 | 27 | S8(S)S9 |

?idpat

New file order: 351, 347, 371
...completed examining records
S11 27 IDPAT (sorted in duplicate/non-duplicate order)

Summary:
S11 has 27 records ordered as follows:
27 patent records without duplicates (records 1-27)

1. Show Group Table
2. Show Summary
3. Quit
4. TYPE or PRINT Selected Records
5. TYPE or PRINT Primary and Non-Duplicate Records

Enter an option (e.g., 4).
?5

S12 27 IDPAT (primary/non-duplicate records only)
Press ENTER to TYPE records or enter PR to PRINT records via e-mail, fax, or postal delivery.

?
Enter format number or two-character display tag(s) (e.g., TI, PA) or enter Q to return to command mode.

?3,k
Enter record(s) to be TYPed (e.g., ALL or a range to receive a desired number of Primary/Non-duplicate records, e.g., 1-10), or enter Q to return to command mode.
?all

12/3,K/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014974402 **Image available**
WPI Acc No: 2003-034916/200303
XRPX Acc No: N03-027845

Waterproof structure for plate juncture of sheeting in building floor or roof, has fastener pinched into receiver in groove of gutter and to pressure plate hung across plate juncture

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2002332719 | A | 20021122 | JP 2001137562 | A | 20010508 | 200303 B |

Priority Applications (No Type Date): JP 2001137562 A 20010508

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---------------|------|-----|----|--------------|--------------|
| JP 2002332719 | A | | 6 | E04D-003/366 | |

Abstract (Basic):

... Prevents rainwater leak from plate juncture. Simplifies waterproof **structure components**, thus keeping **structure** cost low. Eases joining of adjacent plates. Ensures **protection** of caulking material at plate juncture from e.g. ultraviolet UV **rays**, wind, rain. Eases laying of e.g. tiles, artificial lawn, on surface formed by interconnected...

12/3,K/2 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014578811 **Image available**

WPI Acc No: 2002-399515/200243

XRPX Acc No: N02-313357

Heat release structure of electronic component such as semiconductor IC, includes radiation element for sealing electronic component, whose outer edge is joined to soldering seat

Patent Assignee: NEC SAITAMA LTD (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2002076220 | A | 20020315 | JP 2000256215 | A | 20000825 | 200243 B |

Priority Applications (No Type Date): JP 2000256215 A 20000825

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| JP 2002076220 | A | | 4 | H01L-023/40 | |

Heat release structure of electronic component such as semiconductor IC, includes radiation element for sealing electronic component, whose outer edge is joined to soldering seat

12/3,K/3 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014552657 **Image available**

WPI Acc No: 2002-373360/200241

XRPX Acc No: N02-291810

Building components made of wood and plastic for windows and doors are provided with integrated metallic coatings or coverings parallel to the receiving walls

Patent Assignee: ZIEGELMEIER G (ZIEG-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-----------------|------|----------|----------|
| DE 20202818 | U1 | 20020502 | DE 2002U2002818 | U | 20020222 | 200241 B |

Priority Applications (No Type Date): DE 2002U2002818 U 20020222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
DE 20202818 U1 8 E06B-005/18

Abstract (Basic):

... The building components offer protection from
electromagnetic radiation without any change in appearance...

12/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014040495 **Image available**

WPI Acc No: 2001-524708/200158

XRPX Acc No: N01-388899

Electromagnetic shield transparency window material for PDP, has near IR
rays cut film with adhesive agent with color pigment concentration
adjusted so that light transmittances and hue are thickness in set limits

Patent Assignee: BRIDGESTONE CORP (BRID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2000340985 | A | 20001208 | JP 99150131 | A | 19990528 | 200158 B |

Priority Applications (No Type Date): JP 99150131 A 19990528

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000340985 A 14 H05K-009/00

Abstract (Basic):

... Exhibits favorable electromagnetic shielding property and near
infrared ray cut property. As number of components are reduced,
structure is simplified, thus reducing manufacturing cost resulting in
increase in productivity...

12/3,K/5 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013589061 **Image available**

WPI Acc No: 2001-073268/200109

XRPX Acc No: N01-055645

Exhaust gas return pipe for IC engines is integrated in cylinder head to
pass through cooling water chamber

Patent Assignee: MAN NUTZFAHRZEUGE AG (MAUG)

Inventor: MOELLER H

Number of Countries: 025 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|---------------|------|----------|----------|
| EP 1063411 | A2 | 20001227 | EP 2000102592 | A | 20000208 | 200109 B |
| DE 19929449 | A1 | 20001228 | DE 1029449 | A | 19990626 | 200120 |

Priority Applications (No Type Date): DE 1029449 A 19990626

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
EP 1063411 A2 G 5 F02M-025/07

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

DE 19929449 A1 F02M-025/07

Abstract (Basic):

... Simpler construction, neighboring components are protected
against heat radiation.

12/3,K/6 (Item 6 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012903084 **Image available**
WPI Acc No: 2000-074920/200007
XRAM Acc No: C00-021674

Secure confinement enclosures formed by cubic and triangular modules

Patent Assignee: ALEXANDROFF G (ALEX-I)
Inventor: ALEXANDROFF G
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
FR 2776117 A1 19990917 FR 983192 A 19980316 200007 B

Priority Applications (No Type Date): FR 983192 A 19980316

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
FR 2776117 A1 31 G21C-013/10

Abstract (Basic):

... The enclosure can prevent **radioactive** or toxic emissions and **protect** the installation from the weather. The **modular construction** is adaptable to a wide variety of volume configurations that are to be enclosed...

12/3,K/7 (Item 7 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012531744 **Image available**
WPI Acc No: 1999-337850/199928
XRPX Acc No: N99-253199

Axial fixating polyplanar clamp with lockable ball joint and axial distraction unit

Patent Assignee: KUTLU H (KUTL-I)
Inventor: KUTLU H
Number of Countries: 081 Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| WO 9925265 | A1 | 19990527 | WO 98TR18 | A | 19980805 | 199928 B |
| AU 9888221 | A | 19990607 | AU 9888221 | A | 19980805 | 199943 |

Priority Applications (No Type Date): TR 971377 A 19971117

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 9925265 A1 E 20 A61B-017/64

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9888221 A A61B-017/64 Based on patent WO 9925265

Abstract (Basic):

... Reduced size improved **x - ray** images. Lockable articulation movement. **Modular construction** to suit need. Lightweight. Hygienic. Sufficiently **impervious** to **x-rays**. Easy to use. Acceptable to patient. Reduced risk of nail loosening. Stable construction...

12/3,K/8 (Item 8 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012062760

WPI Acc No: 1998-479671/199841

XRAM Acc No: C98-145081

Composition for preparation of building components having increased mean density - contains sulphur, filler, aggregate, and has increased compressive strength

Patent Assignee: PENZA ARCHITECTURE BUILDING INST (PEAR-R)

Inventor: KIRSANOV A S; KOROLEV E V; PROSHIN A P

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| RU 2105739 | C1 | 19980227 | RU 95121049 | A | 19951213 | 199841 B |

Priority Applications (No Type Date): RU 95121049 A 19951213

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| RU 2105739 | C1 | | 2 | C04B-028/36 | |

...Abstract (Basic): The composition for the preparation of **building components** and for **protection** against ionising **radiation**, contains sulphur (S), a filler and an aggregate. The novelty of the composition is that...

12/3,K/9 (Item 9 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011990403

WPI Acc No: 1998-407313/199835

XRAM Acc No: C98-122877

XRPX Acc No: N98-318007

Surface protection transfer material for outer cladding of building , shaping component of motor vehicles - in which butyral resin based intermediate layer and cementing layer are sequentially arranged on surface of radiation resin layer

Patent Assignee: OIKE KOGYO KK (OIKE)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 10166510 | A | 19980623 | JP 96360039 | A | 19961212 | 199835 B |
| JP 3192102 | B2 | 20010723 | JP 96360039 | A | 19961212 | 200143 |

Priority Applications (No Type Date): JP 96360039 A 19961212

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|-------------|-----------------------------------|
| JP 10166510 | A | | 4 | B32B-027/00 | |
| JP 3192102 | B2 | | 4 | B32B-027/30 | Previous Publ. patent JP 10166510 |

Surface protection transfer material for outer cladding of building , shaping component of motor vehicles...

...which butyral resin based intermediate layer and cementing layer are sequentially arranged on surface of radiation resin layer

12/3,K/10 (Item 10 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

010393193

WPI Acc No: 1995-294506/199539

XRAM Acc No: C95-132479

A method of recycling radioactive and/or hazardous wastes - into a wide variety of articles which are used to store, shield, support or handle additional radioactive and/or hazardous materials.

Patent Assignee: SCI ECOLOGY GROUP INC (SCEC-N); SCI ECOLOGY GROUP (SCEC-N)

Inventor: ARROWSMITH H W; INGRAM J D; RAMSEY T B; ROY B A

Number of Countries: 013 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 669626 | A2 | 19950830 | EP 95301131 | A | 19950222 | 199539 B |
| CA 2143366 | A | 19950826 | CA 2143366 | A | 19950224 | 199546 |
| JP 8005793 | A | 19960112 | JP 9565073 | A | 19950227 | 199611 |
| EP 669626 | A3 | 19951213 | EP 95301131 | A | 19950222 | 199619 |
| US 5545796 | A | 19960813 | US 94201946 | A | 19940225 | 199638 |
| TW 278186 | A | 19960611 | TW 95103184 | A | 19950401 | 199639 |
| US 5789648 | A | 19980804 | US 94201946 | A | 19940225 | 199838 |
| | | | US 95451449 | A | 19950526 | |
| MX 191662 | B | 19990407 | MX 951058 | A | 19950222 | 200055 |

Priority Applications (No Type Date): US 94201946 A 19940225; US 95451449 A 19950526

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---|------|--------|--------------|--|
| EP 669626 | A2 | E 17 | G21F-009/34 | |
| Designated States (Regional): BE DE ES FR GB IT NL SE | | | | |
| CA 2143366 | A | | G21F-009/16 | |
| JP 8005793 | A | 15 | G21F-009/30 | |
| EP 669626 | A3 | | G21F-009/34 | |
| US 5545796 | A | 16 | G21F-009/00 | |
| TW 278186 | A | | G21F-005/06 | |
| US 5789648 | A | | G21F-009/00 | Div ex application US 94201946 Div ex patent US 5545796 |
| MX 191662 | B | | G21F-009/000 | |

...Abstract (Basic): USE - Recycling **radioactive** and/or hazardous wastes into useful articles, e.g. storage containers, **shielding components**, **building** materials, shock absorbers, cutting and shaping tools, **seals**, supports, moulds, aggregates, and items in contact with **radioactive** and/or hazardous materials...

12/3,K/11 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

008441499 **Image available**

WPI Acc No: 1990-328499/199044

XRFX Acc No: N90-251474

Modular assembly for high voltage transistor frequency changer - provides physical separation of power output, control module and pulse unit in minimum space

Patent Assignee: VEB TRANSFORMATOREN (TRAU)

Inventor: FEHRE J; REUTHER R

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 4000056 | A | 19901025 | DE 4000056 | A | 19900103 | 199044 B |
| DD 282551 | A | 19900912 | | | | 199107 |

Priority Applications (No Type Date): DD 327844 A 19890421

...Abstract (Basic): A bridge connected transistor frequency changer for supplying the high voltage transformer of an **X - ray** generator comprises input/output terminals, power transistors (2,3) and varistor **protection** unit (8). **Modular construction** employs screwed pillars

(9,10) and plate (1) serves as a voltage reference e.g...

12/3,K/12 (Item 12 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

007486937

WPI Acc No: 1988-120870/198818

XRAM Acc No: C88-054107

Structure incorporating radioactive plant components - to shield the components within the structure and surround sides and bottom by a container

Patent Assignee: SIEMENS AG (SIEI)

Inventor: OPERSCHALL H

Number of Countries: 010 Number of Patents: 006

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 265697 | A | 19880504 | EP 87114292 | A | 19870930 | 198818 B |
| JP 63115091 | A | 19880519 | JP 87254527 | A | 19871008 | 198826 |
| US 4950086 | A | 19900821 | US 89398296 | A | 19890824 | 199036 |
| EP 265697 | B1 | 19930407 | EP 87114292 | A | 19870930 | 199314 |
| DE 3785293 | G | 19930513 | DE 3785293 | A | 19870930 | 199320 |
| | | | EP 87114292 | A | 19870930 | |
| JP 94008884 | B2 | 19940202 | JP 87254527 | A | 19871008 | 199408 |

Priority Applications (No Type Date): DE 3634881 A 19861013

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 265697 A G 5

Designated States (Regional): CH DE FR GB IT LI NL SE

EP 265697 B1 G 5 G21D-001/00

Designated States (Regional): CH DE FR GB IT LI NL SE

DE 3785293 G G21D-001/00 Based on patent EP 265697

JP 94008884 B2 3 G21C-013/00 Based on patent JP 63115091

Structure incorporating radioactive plant components...

...to shield the components within the structure and surround sides and bottom by a container

...Abstract (Basic): USE/ADVANTAGE - The arrangement can be used for a **structure incorporating radioactive components** which are contained by **shielding** assemblies. Personnel exposure to **radiation** due to neutron activated accumulated during disassembly operations is minimised.

12/3,K/13 (Item 13 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

004736403

WPI Acc No: 1986-239745/198637

XRAM Acc No: C86-103080

Forming bond between thermoplast contg. substd. phenylene oxide units - and filled plasticised rubber contg. double bonds, by heating in presence of vulcanising system

Patent Assignee: HUELS AG (CHEM)

Inventor: JADAMUS H; RICHTER K P; RICHTER K

Number of Countries: 015 Number of Patents: 010

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 3602705 | A | 19860904 | DE 3602705 | A | 19860130 | 198637 B |
| EP 196407 | A | 19861008 | EP 86100662 | A | 19860120 | 198641 |

| | | | | | | |
|-------------|---|----------|-------------|---|----------|--------|
| JP 61204260 | A | 19860910 | JP 8644321 | A | 19860303 | 198643 |
| BR 8600898 | A | 19861111 | | | | 198652 |
| ES 8809699 | A | 19880201 | ES 552585 | A | 19860303 | 198811 |
| CA 1267764 | A | 19900417 | | | | 199020 |
| EP 196407 | B | 19910102 | | | | 199102 |
| DE 3676328 | G | 19910207 | | | | 199107 |
| US 5153076 | A | 19921006 | US 86831449 | A | 19860220 | 199243 |
| | | | US 87115567 | A | 19871029 | |
| | | | US 91671647 | A | 19910320 | |
| JP 93030182 | B | 19930507 | JP 8644321 | A | 19860303 | 199321 |

Priority Applications (No Type Date): DE 3537154 A 19851018; DE 3507506 A 19850304; DE 3602705 A 19860130

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|------|-----|----|-------------|---------------------------------|
| DE 3602705 | A | | 39 | | |
| EP 196407 | A | G | | | |
| Designated States (Regional): AT BE CH DE FR GB IT LI NL SE | | | | | |
| EP 196407 | B | | | | |
| Designated States (Regional): AT BE CH DE FR GB IT LI NL SE | | | | | |
| US 5153076 | A | | | B32B-027/32 | Cont of application US 86831449 |
| | | | | | Cont of application US 87115567 |
| JP 93030182 | B | | 16 | B32B-027/00 | Based on patent JP 61204260 |

...Abstract (Basic): sealing gaskets; parts of hydraulically or pneumatic pneumatically operated appts. for steering or power transmission; **building components** for absorbing sound, vibration, shock, or **radiation** - spring elements; A)- **reinforced** rubber profiles; conveyor belts, belt drives, vehicle tyres; pressure rollers for video and audio tape...

12/3,K/14 (Item 14 from file: 351)
 DIALOG(R)File 351:Derwent WPI
 (c) 2003 Thomson Derwent. All rts. reserv.

004527067

WPI Acc No: 1986-030411/198605

XRPX Acc No: N86-021936

Protective housing for data carrier or documents - has inner and outer metal skins sandwiching heat resistive layers with mechanical strengthening

Patent Assignee: ABS ALLGEM BRANDSCH (ABSA-N); ABS ALLGEMEINER BRANDSCHUTZ (ABSA-N); ABS BRANDSCHUTZ GMB (ABSB-N); BRANDSCHUTZ GMBH (BRAN-N)

Inventor: RICHTER K

Number of Countries: 012 Number of Patents: 009

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 169802 | A | 19860129 | EP 85730092 | A | 19850627 | 198605 B |
| NO 8502961 | A | 19860224 | | | | 198615 |
| US 4628826 | A | 19861216 | US 85759470 | A | 19850726 | 198701 |
| DD 246586 | A | 19870610 | | | | 198743 |
| US 4729326 | A | 19880308 | US 86920529 | A | 19861017 | 198813 |
| DD 253450 | A | 19880120 | | | | 198824 |
| EP 169802 | B | 19880907 | | | | 198836 |
| DE 3564840 | G | 19881013 | | | | 198842 |
| CA 1265307 | A | 19900206 | | | | 199010 |

Priority Applications (No Type Date): CH 843615 A 19840727

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|------|-----|----|----------|--------------|
| EP 169802 | A | G | 16 | | |
| Designated States (Regional): AT CH DE FR GB IT LI SE | | | | | |
| EP 169802 | B | G | | | |
| Designated States (Regional): AT CH DE FR GB IT LI SE | | | | | |

...Abstract (Equivalent): makes it possible to obtain shelters in random size, without it being necessary to modify **structure** or individual **components**. Reliable **protection** against fire and **radiation** effects. (5pp)1

12/3,K/15 (Item 15 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

003944752

WPI Acc No: 1984-090296/198415

XRAM Acc No: C84-038313

Radiation shielding structure component - has fibre layers
surrounding panel-shaped shielding core and normal lateral flanges

Patent Assignee: BAGNELL M J (BAGN-I)

Inventor: IVY W R

Number of Countries: 011 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 104867 | A | 19840404 | EP 83305518 | A | 19830920 | 198415 B |
| US 4514640 | A | 19850430 | US 82425724 | A | 19820928 | 198520 |
| EP 104867 | B | 19880113 | | | | 198802 |
| DE 3375343 | G | 19880218 | | | | 198808 |

Priority Applications (No Type Date): US 82425724 A 19820928

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|-----------|---|---|----|--|--|
| EP 104867 | A | E | 12 | | |
|-----------|---|---|----|--|--|

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

| | | | | | |
|-----------|---|---|--|--|--|
| EP 104867 | B | E | | | |
|-----------|---|---|--|--|--|

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

Radiation shielding structure component -

12/3,K/16 (Item 16 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

003107962

WPI Acc No: 1981-L8010D/198146

Assembling components in electron beam appts. - using insulating support
and vacuum seal arrangement with screw threads on components

Patent Assignee: NICOLET XRD CORP (NICO-N)

Inventor: VICTORELY R

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| GB 1602442 | A | 19811111 | | | | 198146 B |

Priority Applications (No Type Date): GB 7712752 A 19770325

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|------------|---|--|---|--|--|
| GB 1602442 | A | | 6 | | |
|------------|---|--|---|--|--|

...Abstract (Basic): with the end face of the tube. The appts. is used in
assembly and vacuum **sealing** of demountable **components**, e.g.
construction of demountable **X - ray** tubes...

12/3,K/17 (Item 17 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

002494427

WPI Act No: 1980-12442C/198007

Protecting freshly laid reinforced concrete - by covering with waterproof material precoated with heat reflecting layer, used in prefabricated structure mfr.

Patent Assignee: CONS ORGAN MECHN (CSOR-R)

Inventor: BERZOVSKI B I; PODGORNOV V I; POPOV L P

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|----------|-------------|------|------|----------|
| SU 666157 | A | 19790608 | | | | 198007 B |

Priority Applications (No Type Date): SU 2461369 A 19770311

...Abstract (Basic): Higher quality **prefabricated reinforced concrete structure** showing increased resistance to cracking are obtd. when the freshly laid concrete is covered with...

...of moisture by evapn.) precoated with a heat reflecting layer reflecting 70-80% of IR **radiation**. This prevents the surface layers of the concrete from overheating...

12/3,K/18 (Item 18 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

001687091

WPI Acc No: 1977-C3570Y/197712

Beam barrier suitable for component construction - has transmitter emitting electromagnetic radiation and receiver for radiation passing through surveillance space

Patent Assignee: SICK OPTIK ELEKTRONIK ERWIN (SIOP)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| DE 2539438 | A | 19770317 | | | | 197712 B |
| DE 2539438 | B | 19780601 | | | | 197823 |

Priority Applications (No Type Date): DE 2539438 A 19750904

Beam barrier suitable for component construction - ...

...has transmitter emitting electromagnetic radiation and receiver for radiation **passing through surveillance space**

12/3,K/19 (Item 19 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

000856924

WPI Acc No: 1972-16885T/197211

Radiation shield building component - contg laminated reinforced plastics

Patent Assignee: KOWOL GMBH (KOW -N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|------|-------------|------|------|----------|
| DE 2043115 | A | | | | | 197211 B |

Priority Applications (No Type Date): DE 2043115 A 19700831

Radiation shield building component -

12/3,K/20 (Item 20 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

000795401

WPI Acc No: 1971-37077S/197122

Refractory enamels with low and high - melting components

Patent Assignee: SIEMENS AG (SIEI)

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|------|-------------|------|------|----------|
| DE 1957622 | A | | | | | 197122 B |
| FR 2069308 | A | | | | | 197149 |

Priority Applications (No Type Date): DE 1957622 A 19691115

...Abstract (Basic): Refractory enamel **protective** layers for enamelling **building components** for nuclear reactors and shapes difficult to enamel, and to provide crack- and pore-free heat- and **radiation** insulators on steels, Ni- and Co alloys, Mo, W and Nb consist of mixtures of...

12/3,K/21 (Item 21 from file: 351)
DIALOG(R)File 351:Derwent WPI
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000578796

WPI Acc No: 1968-17595Q/196800

Building component for anti- radiation protection is formed of a material comprising a Pb cpd. and an animal or vegetable oil or thermosetting resin, the materia

Patent Assignee: GLASSWALL PROJECTS LTD (GLAO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|------|-------------|------|------|----------|
| GB 1137554 | A | | | | | 196800 B |

Priority Applications (No Type Date): GB 6540017 A 19650920

Building component for anti- radiation protection is formed of a material comprising a Pb cpd. and an animal or vegetable oil...

...Abstract (Basic): **Building component** for anti- radiation **protection** is formed of a material comprising a Pb cpd. and an animal or vegetable oil

12/3,K/22 (Item 22 from file: 347)
DIALOG(R)File 347:JAPIO
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07389482 **Image available**

TEMPORARY STRUCTURE FOR SHIELDING FROM RADIATION

PUB. NO.: 2002-257983 [JP 2002257983 A]
PUBLISHED: September 11, 2002 (20020911)
INVENTOR(s): OTANAGI MITSUAKI
APPLICANT(s): ISHIKAWAJIMA HARIMA HEAVY IND CO LTD
APPL. NO.: 2001-058234 [JP 20011058234]
FILED: March 02, 2001 (20010302)

TEMPORARY STRUCTURE FOR SHIELDING FROM RADIATION

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **temporary shielding structure** against **radiation** capable of easily **shielding** indirect **radiation** from a pressure vessel of an atomic reactor and a **radioactivated** structure, and making the actual work time extraordinarily longer.

SOLUTION: A support member 23 is...

...that a temporary frame 21 is composed around a work space to be shielded from **radiation**. On this temporary frame 21, shielding members 22 such as mats of lead plates and mats of lead bristles are installed for shielding from **radiation**. The shielding members 22 can thus be installed even on a flat space, investigation in...

... construction can be coped with, workers or the like can be easily shielded from indirect **radiation**, and the actual work time can be extraordinarily made longer.

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12/3,K/23 (Item 23 from file: 347)

DIALOG(R)File 347:JAPIO

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06707097

PRODUCTION OF PHOTOLITHOGRAPHIC STRUCTURE

PUB. NO.: 2000-292929 [JP 2000292929 A]

PUBLISHED: October 20, 2000 (20001020)

INVENTOR(s): SCHROEDER UWE PAUL

GERHARD KUNKEL

ALOIS GUTMAN

SPULER BRUNO

APPLICANT(s): INFINEON TECHNOL NORTH AMERICA CORP

APPL. NO.: 2000-092100 [JP 200092100]

FILED: March 29, 2000 (20000329)

PRIORITY: 282745 [US 99282745], US (United States of America), March 31, 1999 (19990331)

ABSTRACT

...of producing a photolithographic structure, the photoresist containing a photoactive component that responds to actinic **radiation** and a base resin having a protected active part is applied to a substrate, patternwise exposed to an effective dose of actinic **radiation** and exposed to a developer to form a patterned photoresist. The protected active part of...

... the formed reactive part is allowed to react with a silylating agent containing an etching **protective** component to incorporate the etching **protective component** into the **structure** of the base resin and the substrate is etched to product the objective photolithographic structure...

12/3,K/24 (Item 24 from file: 347)

DIALOG(R)File 347:JAPIO

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06480398

Image available

EXCHANGE METHOD FOR LARGE COMPONENT AND STRUCTURE IN NUCLEAR POWER STATION

PUB. NO.: 2000-065975 [JP 2000065975 A]

PUBLISHED: March 03, 2000 (20000303)

INVENTOR(s): SUGIMOTO YOSHIKAZU

AOKI MASATAKA

HOSOYA KIYOKAZU

ADACHI TAKAHIRO
APPLICANT(s): HITACHI LTD
I C C K K
APPL. NO.: 10-231878 [JP 98231878]
FILED: August 18, 1998 (19980818)

ABSTRACT

...airlock as a large structure, maintaining airtightness without providing additional air conditioning device and special **seal** means and reducing the amount of **radioactive** waste.

SOLUTION: A **temporary building** 30 provided with chambers 30A and 30B placed on the second floor layer, an outside...

12/3,K/25 (Item 25 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04752851 **Image available**
SWITCHING TRANSFORMER

PUB. NO.: 07-045451 [JP 7045451 A]
PUBLISHED: February 14, 1995 (19950214)
INVENTOR(s): KAMATA MITSUYOSHI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-187837 [JP 93187837]
FILED: July 29, 1993 (19930729)

ABSTRACT

... between the shield layers 5, 6 of winding is stabilized constantly to form an electrostatic **shield** between the primary and secondary windings 3, 4. This **structure** reduces asymmetrical **component** in the undesired **radiation** of power supply significantly.

12/3,K/26 (Item 26 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04232287 **Image available**
MEDICAL RADIATION SHIELD ROOM

PUB. NO.: 05-223987 [JP 5223987 A]
PUBLISHED: September 03, 1993 (19930903)
INVENTOR(s): UEDA YASUO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-015728 [JP 9215728]
FILED: January 31, 1992 (19920131)
JOURNAL: Section: P, Section No. 1657, Vol. 17, No. 669, Pg. 36,
December 09, 1993 (19931209)

ABSTRACT

...CONSTITUTION: The medical **radiation** shield room comprises labyrinth structure projected so as to Z-shapedly have access to an...

... on a plotting line 31 in the righthand figure at each corner of the labyrinth **structure**. Because the **temporary** scattering face is not seen through the **protection** door 1, a scattering **ray** incident on the door can be reduced in the order of figures in the case of an **X - ray** and one figure in the other case of a neutron, compared with the conventional. In ...

12/3,K/27 (Item 27 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02355664 **Image available**
INFRARED RAY DETECTOR

PUB. NO.: 62-272564 [JP 62272564 A]
PUBLISHED: November 26, 1987 (19871126)
INVENTOR(s): HIKITA SOICHIRO
TANIGAWA KUNIHIRO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-116414 [JP 86116414]
FILED: May 20, 1986 (19860520)
JOURNAL: Section: E, Section No. 608, Vol. 12, No. 158, Pg. 146, May
13, 1988 (19880513)

ABSTRACT

PURPOSE: To obtain an infrared **ray** detector having preferable cold **shielding** effect, large S/N, an integral **structure** without separate **component**, and small volume in short manufacturing steps by providing an electric signal processor made of an infrared **ray** transmitting plate formed with an infrared **ray** opaque film except a region opposed to a photodetector oppositely to a planar infrared **ray** photodetector...

?show files;ds

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| S3 | 3873718 | BARRIER OR SHIELD??? OR REINFORCE? OR BULKHEAD OR BUFFER OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT??? |
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| S9 | 6318415 | S5 OR S6 |
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| S15 | 2891663 | (S4(5N)S5) OR S6 |
| S16 | 10 | S8(S)S15 |
| S17 | 17 | S14 OR S16 |
| S18 | 16 | S17 NOT PY>2001 |
| S19 | 16 | S18 NOT PD=20010515:20030430 |

S20

16 RD (unique items)

20/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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03482974 E.I. Monthly No: EI9209111027

Title: **Protection of chromium steel from corrosive effect of Li//1//7Pb//8//3 eutectic by diffusion coating.**

Author: Duryagina, Z. A.; Bondar', E. R.; Zyryanov, V. I.

Source: Fizika i Khimiya Obrabotki Materialov n 4 Jul-Aug 1991 p 107-110

Publication Year: 1991

CODEN: 500047

Language: Russian

...Abstract: The nature of concentration distribution in thickness for a diffusant - vanadium - is revealed by an **X - ray** spectrum microanalysis. Measurements of the dissolution rate for coated and uncoated samples show that vanadium...

...Li eutectic melt. Thermocycling yields more dense and uniform coatings. These properties are a reliable **barrier** to the carry-over of **construction components** into a corrosive melt. Advantageous of vanadium coatings formed by crystallization from oversaturated melt of...

20/3,K/2 (Item 2 from file: 8)
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01563924 E.I. Monthly No: EI8409089451 E.I. Yearly No: EI84040311

Title: **19-in. CABINETS SPORT SHIELDING FOR FCC COMPLIANCE.**

Author: Marrin, Ken

Corporate Source: EDN, Boston, Mass, USA

Source: EDN v 29 n 14 Jul 12 1984 p 156-164

Publication Year: 1984

CODEN: EDNSBH ISSN: 0012-7515

Language: ENGLISH

...Descriptors: **Modular Construction ; RADIATION PROTECTION --**

20/3,K/3 (Item 1 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0230782 ICONDA Accession Number: 1989(02):1002525 ICONDA

Zerstoerungsfreie Pruef- und Messmethoden im Bauwesen. Beitraege4.

Gammagraphie fuer Bewehrungsermittlung

Non-destructive test methods and measuring techniques in construction - contributions. Part 4

Loeffel Reinhard (Author); Berger Juergen (Author); Schultz Werner (Author)

Bauakademie der DDR, Bauinformation, Berlin/Ost (Editor)

SERIES TITLE: Bauforschung, Baupraxis; 233

24 p, figs., tabs., refs

PUBLISHER: in-house publishing, Berlin/Ost

ISBN: 3-7441-0096-0 PUBLICATION DATE: 19880000

LANGUAGE: German SUMMARY LANGUAGE: German; English; French; Russian

...an on-site radiographic examination of reinforced concrete constructions and the evaluation of the exposed **x - ray** films are described. Experimental investigations served to detect uncertainties of testing in the determination of bar diameters and concrete cover depending on the **building component**, the **reinforcement** system and on the size of the bar diameters. Included are important technical and economical...

20/3,K/4 (Item 2 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0230528 ICONDA Accession Number: 1989(02):1002315 ICONDA

Schutz vor Strahlen

Protection against rays

Trockenbau
v.5, no.4 p.40,42-45, figs.,sect.,plans
COUNTRY OF PUBLICATION: Germany
ISSN: 0179-8006 PUBLICATION DATE: 19880000
LANGUAGE: German SUMMARY LANGUAGE: German

DESCRIPTORS: **construction** component; wall; architecture; hospital
building; partition; **radiation protection** ; **medical** practice; hospital
; dry construction; gypsum plasterboard; detailing; installations; Kunz, H.
(architect); Rottweil; Baden-Wuerttemberg; DE

20/3,K/5 (Item 3 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0185062 ICONDA Accession Number: 1987(10):1001027 ICONDA

**Spezialbeton mit Strahlenschutz. Produkte. Rohbau, Ausbau, Maschinen und
Geraete**

**Spezialbeton mit Strahlenschutz. Produkte. Rohbau, Ausbau, Maschinen und
Geraete. Special concrete with radiation protection.Products.Carcass ,
interior design , machines and equipment**

Element und Fertigbau
v.22, no.5 p.40
COUNTRY OF PUBLICATION: Germany
ISSN: 0013-5925 PUBLICATION DATE: 19850000
LANGUAGE: German

DESCRIPTORS: construction material; building physics/building chemistry;
radiation; **radiation protection** ; **prefabricated construction** ;
material characteristic

20/3,K/6 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7043369 INSPEC Abstract Number: A2001-21-2875-001, B2001-11-7530B-001

Title: Industrial complex for solid radwaste

Author(s): Ahner, S.
Author Affiliation: NUKEM GmbH, Alzenau, Germany
Journal: Atomwirtschaft - Atomtechnik vol.46, no.7 p.493-8
Publisher: INFORUM GmbH,
Publication Date: July 2001 Country of Publication: Germany
CODEN: AWAKAG ISSN: 1431-5254
SICI: 1431-5254(200107)46:7L.493:ICSR;1-9
Material Identity Number: A150-2001-007
Language: English
Subfile: A B
Copyright 2001, IEE

...Abstract: site in Ukraine, several facilities are being erected under
the EU TACIS program for the **treatment** of **radioactive** waste. The
subprojects covered in the article, referred to as LOT 1-3, are called
Industrial Complex for Solid Radwaste Management (ICSRM). They comprise
facilities for the retrieval and **treatment** of solid **radioactive** waste
and the construction of a store for shortlived waste. The three

international companies participating...

... waste from the XTO interim storage facility on the Chernobyl site. This waste mainly includes **protective** clothing, metal parts, **building components**, and graphite. The facility to be built within LOT 2 will be used to treat...

20/3,K/7 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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00037708 INSPEC Abstract Number: B69012422

Title: Thermionic research and development program (Quarterly progress report)

Author(s): Jacobson, D.L.; Hamerdinger, R.; Campbell, A.

Issued by: Electro-Optical Systems, Inc., Pasadena, CA, USA

Publication Date: 12 July 1968 Country of Publication: USA 71 pp.

Report Number: NASA-CR-95979 Contract Number: NAS7-100;JPL-952217

Language: English

Subfile: A B

...Abstract: work functions were made, and electrode surfaces using a thermionic emission microscope were examined. Both **X - ray** and metallographic analyses were made, and a vapor- deposited rhenium variable parameter rest vehicle was...

...cylinder converter; and details are included of the emitter subassembly, emitter support structure, collector- radiator **structure**, **prefabricated** metal-to-ceramic **seals**, and cesium reservoir.

20/3,K/8 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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2123135 NTIS Accession Number: DE99001674/XAB

Out-of-tank evaporator demonstration: Tanks focus area

Dept. of Energy, Office of Environmental Management, Washington, DC (United States).

Corp. Source Codes: 888888888

Sponsor: Department of Energy, Washington, DC.

Report No.: DOE/EM-0373

30 Nov 1998 22p

Languages: English

Journal Announcement: GRAI9915; ERA9915

Sponsored by Department of Energy, Washington, DC.

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NTIS Prices: PC A03/MF A01

... Environmental Laboratory (INEEL), Savannah River Site (SRS), and Oak Ridge Reservation (ORR). This waste is **radioactive** with a high salt content. The US Department of Energy (DOE) wants to minimize the volume of **radioactive** liquid waste in USTs by removing the excess water. This procedure conserves tank space; lowers...

... 1995, the skid-mounted evaporator system was procured and installed in an existing ORNL facility (**Building** 7877) with **temporary shielding** and remote controls. The evaporator system was operational in January 1996. The system operated 24...

20/3,K/9 (Item 2 from file: 6)

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1587130 NTIS Accession Number: DE91011205

Oscillating liquid flow ICF Reactor. Revision 1

Petzoldt, R. W.

Lawrence Livermore National Lab., CA.

Corp. Source Codes: 068147000; 9513035

Sponsor: Department of Energy, Washington, DC.

Report No.: UCRL-JC-103818-REV.1; CONF-901007-7-REV.1

14 Dec 90 17p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI9118; ERA9138

Topical meeting on technology of fusion energy (9th), Oak Brook, IL (USA), 7-11 Oct 1990. Sponsored by Department of Energy, Washington, DC.

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NTIS Prices: PC A03/MF A01

... driver beam paths of residual liquid droplets. Oscillating flow will also provide adequate neutron and **x - ray** protection for the reactor structure with a short (2-m) fall distance permitting an 8...

... features to clear the entire heavy-ion beam path of splashed molten salt. The structural **components**, including the **structure** between beam ports, are **shielded**. 3 refs., 12 figs.

20/3,K/10 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1548057 NTIS Accession Number: DE91000793

Oscillating liquid flow ICF reactor

Petzoldt, R. W.

Lawrence Livermore National Lab., CA.

Corp. Source Codes: 068147000; 9513035

Sponsor: Department of Energy, Washington, DC.

Report No.: UCRL-JC-103818; CONF-901007-7

4 Oct 90 24p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI9105; ERA9108

Topical meeting on technology of fusion energy (9th), Oak Brook, IL (USA), 7-11 Oct 1990. Sponsored by Department of Energy, Washington, DC.

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NTIS Prices: PC A03/MF A01

... driver beam paths of residual molten salt. Oscillating flow will also provide adequate neutron and **x - ray** protection for the reactor structure with a short (2-m) fall distance permitting an 8...

... features to clear the entire heavy-ion beam path of splashed molten salt. The structural **components**, including the **structure** between beam ports, are **shielded**. 3 refs., 12 figs.

20/3,K/11 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1443721 NTIS Accession Number: DE88705607

Proposed Development Programme for a Temporary Containment System for

alpha Active Decommissioning

Pengelly, M. G. A. ; Burnett, R. C.
UKAEA Atomic Energy Establishment, Winfrith (England). Materials
Technology Div.
Corp. Source Codes: 069908003; 9050785
Report No.: AEEW-M-2239; PCMRP-83-14
Jun 83 14p
Languages: English
Journal Announcement: GRAI8916
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NTIS Prices: PC A03/MF A01

... with plutonium, the system, when fully developed, has obvious
applications wherever a temporary containment of **radioactive** or toxic
materials is required. The fundamental feature of the proposal is that
strippable coatings...
...surfaces of the working area from becoming contaminated. It is envisaged
that this method of **protecting** the surfaces will enable the **modular**
containment **structure** to be disassembled and re-used. (Atomindex
citation 20:022958)

20/3,K/12 (Item 5 from file: 6)
DIALOG(R)File 6:NTIS
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1440462 NTIS Accession Number: AD-D014 000/4
Thermionic Reactor Module with Thermal Storage Reservoir
(Patent)
Kennel, E. B.
Department of the Air Force, Washington, DC.
Corp. Source Codes: 000260000; 109850
Report No.: PAT-APPL-7-024 447; PATENT-4 755 350
Filed 11 Mar 87 patented 5 Jul 88 6p
Languages: English Document Type: Patent
Journal Announcement: GRAI8915
Supersedes PAT-APPL-7-024 447, AD-D013 151.
This Government-owned invention available for U.S. licensing and,
possibly, for foreign licensing. Copy of patent available Commissioner of
Patents, Washington, DC 20231 \$1.50.
NTIS Prices: Not available NTIS

...Descriptors: emission; Conical bodies; Containers; Electrodes;
Emitters; Energy; Energy conversion; Heat; Heat pipes; Heat resistant
materials; **Modular construction** ; Phase transformations; **Radiation
shielding** ; Radiators(General); Thermionic converters; Wastes

20/3,K/13 (Item 6 from file: 6)
DIALOG(R)File 6:NTIS
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0956611 NTIS Accession Number: DE82003811/XAB
High-Radiation Zone Design of the FMIT High-Density Beam Transport
Creek, K. O. ; Liska, D. J. ; King, J. D. ; Cole, T. R. ; Cimabue, A. G.
Hanford Engineering Development Lab., Richland, WA.
Corp. Source Codes: 056188000; 2906800
Sponsor: Los Alamos National Lab., NM.; Department of Energy, Washington,
DC.
Report No.: HEDL-SA-2450; CONF-810314-170
Mar 81 7p
Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8215; NSA0700

Particle accelerator conference, Washington, DC, USA, 11 Mar 1981.

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NTIS Prices: PC A02/MF A01

... design concept, that uses segmented termination panels remotely located from the modules, is being employed. **Radiation** -hardened quadrupoles can be opened, clam-shell fashion, to release the water-cooled beam tube...

... instrumentation fittings to service the module, and are positioned to allow room for neutron-absorbing **shielding** between the beamline and the panel. The **modular construction** allows laboratory prealignment and check-out of all components on a structural carriage and is...

20/3,K/14 (Item 7 from file: 6)

DIALOG(R)File 6:NTIS

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0897758 NTIS Accession Number: LA-UR-81-770/XAB

High-Radiation-Zone Design of the FMIT High-Energy Beam Transport

Liska, D. J. ; King, J. D. ; Cole, T. R. ; Cimabue, A. G. ; Robeson, L.

P.

Los Alamos Scientific Lab., NM.

Corp. Source Codes: 016457000; 3820000

Sponsor: Department of Energy, Washington, DC.

Report No.: CONF-810314-26

1981 4p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8118; NSA0600

Particle accelerator conference, Washington, DC, USA, 11 Mar 1981.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

... design concept, that uses segmented termination panels remotely located from the modules, is being employed. **Radiation** -hardened quadrupoles can be opened, clamshell fashion, to release the water-cooled beam tube replacement...

... instrumentation fittings to service the module, and are positioned to allow room for neutron-absorbing **shielding** between the beamline and the panel. The **modular construction** allows laboratory prealignment and check-out of all components on a structural carriage and is...

20/3,K/15 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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15184173 PASCAL No.: 01-0349138

Industrial Complex for Solid radwaste management

AHNER S

NUKEM Nuklear GmbH, Industriestrasse 13, 63754 Alzenau, Germany

Journal: Atw. Atomwirtschaft-Atomtechnik - Internationale Zeitschrift fuer Kernenergie, 2001, 46 (7) 493-498

Language: English

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... site in Ukraine, several facilities are being erected under the EU TACIS program for the **treatment** of **radioactive** waste. The subprojects covered in the article, referred to as LOT 1-3, are called Industrial Complex for Solid Radwaste Management (ICSRM). They comprise facilities for the retrieval and **treatment** of solid **radioactive** waste and the construction of a store for shortlived waste. The three international companies participating...

... waste from the XTO interim storage facility on the Chernobyl site. This waste mainly includes **protective** clothing, metal parts, **building components** , and graphite. The facility to be built within LOT 2 will be used to treat...

20/3,K/16 (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

06076162 PASCAL No.: 85-0337766
Praezision im Grossmatzstab-Boliner Elektroneuspeicherring (Bessy)
(Precision pour de grandes dimensions. L'anneau a electrons de Berlin (Bessy))

WITTE B

Journal: Beton, 1985, 35 (2) 49-53

Language: German Summary Language: English; French

English Descriptors: Heavy concrete; Concrete **construction** ;
Prefabricated construction ; **X ray** ; **Reinforced concrete** ;
Execution of works

?show files;ds

File 47:Gale Group Magazine DB(TM) 1959-2003/Mar 03
(c) 2003 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2003/Mar 03
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File 436:Humanities Abs Full Text 1984-2003/Jan
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File 624:McGraw-Hill Publications 1985-2003/Mar 04
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(c) 2003 F-D-C Reports Inc.
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File 442:AMA Journals 1982-2003/Jun B1
(c)2003 Amer Med Assn -FARS/DARS apply

*full text
NPL files*

| Set | Items | Description |
|-----|---------|--|
| S1 | 406003 | MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL??) (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PREFAB OR PORTABLE? ? |
| S2 | 3041832 | BUILDING? ? OR CONSTRUCTION OR STRUCTURE? ? OR EDIFICE? ? - OR ROOM? ? OR LAB OR LABS OR LABORATORY? ? OR LABORATORIES |
| S3 | 1408075 | BARRIER? ? OR SHIELD??? OR REINFORCE? OR BULKHEAD? ? OR BUFFER? ? OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT??? |
| S4 | 1219370 | THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING |
| S5 | 252426 | RADIATION OR RADIOACTIV? OR RAY? ? |
| S6 | 110454 | X()RAY? ? OR XRAY? ? OR RADIOTHERAPY OR PET OR POSITRON()EMISSION? ? |
| S7 | 12042 | S1(2N)S2 |
| S8 | 169 | S3(10N)S7 |
| S9 | 311873 | S5 OR S6 |
| S10 | 4 | S8(S)S9 |
| S11 | 35 | (S1(10N)S3)(S)((S4(2N)S5) OR S6) |
| S12 | 39 | S10 OR S11 |
| S13 | 37 | S12 NOT PY>2001 |
| S14 | 36 | S13 NOT PD=20010515:20030430 |
| S15 | 34 | RD (unique items) |

15/3,K/1 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2003 The Gale group. All rts. reserv.

05002849 SUPPLIER NUMBER: 19926537 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Unlocking the secrets of the brain. (part 2)
Powledge, Tabitha M.
BioScience, v47, n7, p403(6)
July-August, 1997
ISSN: 0006-3568 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5091 LINE COUNT: 00403

... on the properties of the object to be identified.
The idea that the brain is **modular**, but flexibly so, has been
reinforced by the work of Hanna and Antonio Damasio of the University of
Iowa, after Raichle...
...that are separate from both the meaning and sound of the words. Drawing
partly on **PET** studies of people who show no evidence of impaired language
skills, the Damasios have argued...

15/3,K/2 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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03608483 SUPPLIER NUMBER: 10875673 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Storage technology: a review of options and their implications for
electronic publishing. (also includes list of other storage technologies
and a glossary of mass storage terms)**
Arnold, Stephen E.
Online, v15, n4, p39(13)
July, 1991
CODEN: ONLID ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 10554 LINE COUNT: 00832

... in external cases. Syquest Technology and Ricoh have manufactured
these devices, which are essentially specially **reinforced** hard disks.
Reliability is sometimes an issue.
Removable cards: Memory cards measure about 2 inches by 3 inches.
They have a 68-pin...
...compared with 3,600 rpm for hard disks. Media are insensitive to
magnetic fields and **x - rays**. Can withstand large particle contamination;
can withstand greater shocks than Winchester drives. Management software:
This...

15/3,K/3 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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02943822 SUPPLIER NUMBER: 04805929 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fetal protection policies: An excuse for workplace hazard.
Marshall, Carolyn
The Nation, v244, p532(3)
April 25, 1987
CODEN: NATNB ISSN: 0027-8378 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 2563 LINE COUNT: 00212

... The hospital fired the highly qualified nurse when she became
pregnant, saying that exposure to **X - rays** could cause miscarriage, birth
defects or genetic damage. But the lawsuit alleges that there is...

...radiation is often higher for men. Attorneys for the nusre say the hospital could have **protected** her with a **temporary** job transfer or by carefully monitoring her radiation exposure.

Currently environmentalists are investigating whether toseue...

15/3,K/4 (Item 4 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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02651134 SUPPLIER NUMBER: 00602366

The Practical Portable.

Fischer, E.

PC World, p226-230

April, 1985

ISSN: 0737-8939

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: disk drives should be inserted in the drives to prevent head damage. Simple tools, a **modular** phone cord, and surge- **protected** extension cord should also be packed. Backup diskettes should be packed and shipped separately. **X - rays** do not harm data.

15/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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12848676 SUPPLIER NUMBER: 67380042 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Sealer. (Super Poly impulse sealer) (Brief Article)

Packaging Digest, 37, 12, 132

Nov, 2000

DOCUMENT TYPE: Brief Article

ISSN: 0030-9117

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 95 LINE COUNT: 00009

TEXT:

The Super Poly impulse **sealer** is a **portable** machine with interchangeable 11-, 15-and 24-in. biactive jaws that can be carried to...

...drum liners and covering large pieces of equipment for shipping. The model provides seals for **PET**, PP and laminates.

15/3,K/6 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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12193613 SUPPLIER NUMBER: 62441588 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Free Brochures Help Prepare for Hurricanes and Floods.

PR Newswire, 9992

May 30, 2000

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 788 LINE COUNT: 00069

... Instructions are provided for creating a disaster supplies kit that includes water, nonperishable food, a **portable** radio, flashlight, **protective** clothing and **pet** supplies. "Preparing for Floods" also provides detailed instructions on what to do both during and...

15/3,K/7 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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11778338 SUPPLIER NUMBER: 58311005 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Gender Patterns in Flood Evacuation: A Case Study in Canada's Red River Valley. (Statistical Data Included)
ENARSON, ELAINE; SCANLON, JOSEPH
Applied Behavioral Science Review, 7, 2, 103
Fall, 1999
DOCUMENT TYPE: Statistical Data Included ISSN: 1068-8595
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 11835 LINE COUNT: 00955

... family needs. They "supervised" the removal of heavy furniture, packed up smaller items, identified and **protected** irreplaceable family possessions, found **temporary pet** care, helped children prepare emotionally and materially, and provided meals and voluntary child care to ...

15/3,K/8 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10755907 SUPPLIER NUMBER: 53599258 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Maxwell Technologies' Wins GE Medical Design and Development Contract With Potential Value of \$15 Million; PowerCache Ultracapacitor Designed Into Systems.
Business Wire, 0379
Jan 19, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 578 LINE COUNT: 00053

Phoenix Power is providing **modular** uninterruptible power systems (UPS) and power distribution units (PDUs) that **protect** the delicate circuitry of **x - ray** equipment from energy fluctuations. A prototype unit is set for delivery this month and first...

15/3,K/9 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09961072 SUPPLIER NUMBER: 20097874 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Beverage World 1998 Buyers' Guide. (Buyers Guide)
Beverage World, v116, n1649, p97(58)
Dec 15, 1997
DOCUMENT TYPE: Buyers Guide ISSN: 0098-2318 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 51624 LINE COUNT: 04794

... pack Equipment * Pet Bottle Packaging Equipment * Pet Bottling Equipment * Pet Driers & Conveyors * Plastic Bottle Equipment * **Portable** Conveyors * Pouch Filling, **Sealing** Equipment * Proportioning, Blending, Carbonating Equipment * Sanitary Conveyors
Profitmaster Displays Inc. 6151 Powers Ferry Road, #625...

15/3,K/10 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07213485 SUPPLIER NUMBER: 15266918 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Continental flair gets plenty of recognition. (packaging industry) (Worldstar Winners)
Pidgeon, Ron
Packaging Week, v9, n32, p20(1)
Feb 17, 1994

ISSN: 0267-6117 . LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: , 409 LINE COUNT: 00032

... force; and a peelable lid for pre-cooked foods by Cellografica Gerosa, using a Mylar **PET** structure hermetically **sealed** on aluminium and plastics trays, said to be **removable** without a trace. The single Norwegian success was for a **protective** corrugated transit box system by Glomma Papp, with up to 720 combinations. And Sweden's...

15/3,K/11 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05922944 SUPPLIER NUMBER: 12711111 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A less expensive Tempest alternative? (shielding requirements)
Hardy, Stephen M.
Journal of Electronic Defense, v15, n6, p54(5)
June, 1992
ISSN: 0192-429X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2739 LINE COUNT: 00218

... as one of its clients.
Ray Proof (Norwalk, CI) is another significant vendor in the **modular room** arena. Its Series 81 **Shielded** Construction System features 28-gauge galvanized steel panels as the material of choice for NSA...

15/3,K/12 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04812738 SUPPLIER NUMBER: 09403649 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Planning the move of patient activities at a large medical center.
Thompson, Penelope; Parenti, Connie; Peterson, Lance R.
Hospital & Health Services Administration, v35, n3, p443(18)
Fall, 1990
ISSN: 8750-3735 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 5246 LINE COUNT: 00418

... time for final inspection of move routes and resolution of any problems that were anticipated. **Temporary barriers** were erected in hallways that were not be to entered, and initial contacts were made...

...were inoperative in certain areas as a result of final installation of electronic equipment and **x - ray** shielding material following the move center site selection. It would have been helpful to have...

15/3,K/13 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03719333 SUPPLIER NUMBER: 06856258 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tactile orotracheal intubation.
Graber, Richard F.
Patient Care, v22, n18, p144(3)
Nov 15, 1988
ISSN: 0031-305X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1088 LINE COUNT: 00089

... is not breathing spontaneously, blind nasotracheal intubation is extremely difficult. Percutaneous transtracheal ventilation can provide **temporary** ventilation but does not **protect** the airway from aspirating blood or secretions from the oropharynx. Tactile intubation is a good...

...be done with the appropriate cervical spine stabilization mechanisms in place, even before cervical spine **X - ray** , if necessary.

Tactile orotracheal intubation is also useful in patients who have short or obese...

15/3,K/14 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03713714 SUPPLIER NUMBER: 06783138 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Special components and equipment: classical columns, saunas, greenhouses, grilles, signage, fireplaces, lockers, kitchens, awnings, lifts, conveyors, dock levelers, appliances, operable walls. (Information Sources Issue) (directory)
Progressive Architecture, v69, n11, p89(4)
Oct 15, 1988
DOCUMENT TYPE: directory ISSN: 0033-0752 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 2114 LINE COUNT: 00191

... catalog. The catalog provides finishing options, dimensions, and technical data. Draper Shade & Screen. 298

Radiation **Protection** These **modular x - ray** barriers provide **radiation protection** in **medical** facilities with distortion-free, shatter-resistant lead plastic. The 1 1/2-inch-thick "Clear...

15/3,K/15 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03711090 SUPPLIER NUMBER: 06822598 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Engineering films get tough. (editorial)
Tenney, H.W., Jr.
Machine Design, v60, n26, p92(5)
Nov 10, 1988
DOCUMENT TYPE: editorial ISSN: 0024-9114 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 2210 LINE COUNT: 00197

... automotive trim for weather resistance and durability.

Certain proprietary antistatic coatings, applied by electron-beam **radiation** , offer flame retardancy. A CTFE fluoropolymer film treated this way recently passed a stringent NASA...

...payload units and draping material for working with space hardware in high bays, hangers, and **portable clean rooms** .

Fluoropolymer film, perhaps best known as an outstanding moisture **barrier** , **protects** moisture-sensitive membrane switches, liquid-crystal displays, and photogel holograms. In addition, films are bonded...

15/3,K/16 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03500565 SUPPLIER NUMBER: 06321829 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Index of employers. (hospital profiles) (Nursing Opportunities supplement)
RN, v51, n1, pS6(377)
Jan, 1988
ISSN: 0033-7021 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 210302 LINE COUNT: 18943

... it's the innovative kind of medical center every nurse wants to be part of.

* **Modular Care Nursing**

*Nursing Management Information System

* Decentralized Approach to Patient Care Delivery

* In-Service Education...the critical difference in pursuit of state-of-the-art nursing: Critical Care Nursing, Adult **Medical**, Adult Surgical, Pediatrics, Obstetrics, Operating Room, Emergency Services and Psychiatric Nursing. Specialty treatment areas include...

15/3,K/17 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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0717286

Medical-radiation shields

Architectural Record November 1995; Pg 110; Vol. 183, No. 11

Journal Code: AR ISSN: 0003-858X

Section Heading: Product Literature/Institutional

Word Count: 49 *Full text available in Formats 5, 7 and 9*

TEXT:

... create a spacious procedure/diagnostic facility that is comfortable for both patient and medical personnel. **Modular**, mobile, or overhead **X - ray barriers** save floor space, and may be specified in just the lead equivalency needed. 516/741...

15/3,K/18 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0574381

X-ray barriers

Architectural Record December, 1993; Pg 111

Journal Code: AR ISSN: 0003-858X

Section Heading: Special Construction: Products

Word Count: 47 *Full text available in Formats 5, 7 and 9*

TEXT:

Clear-Pb Lead-plastic **X - ray Barriers** and Windows are shatter-resistant, transparent plastic imbedded with 30 percent lead, by weight. It replaces the traditional tiny lead-glass windows with panoramic views of the **X - ray room**, using either permanently installed sheets of plastic, or **temporary barriers**. Nuclear Associates, Carle Place, N. Y.

15/3,K/19 (Item 3 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0114904

Modular structure coating

Engineering News-Record March 16, 1988; Pg 36; Vol. 222, No. 11

Journal Code: ENR ISSN: 0013-807X

Section Heading: Products

Word Count: 88 *Full text available in Formats 5, 7 and 9*

TEXT:

This finish gives **modular structures** a tough coating that stands up to environmental abuse. It **protects** through years of exposure to heat, ultraviolet **rays**, salt spray, acid rain, smog and snow, and certain acids and alkaline compounds. Available in...

15/3,K/20 (Item 4 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0057834

Lead/plastic X-ray room shielding

Engineering News-Record February 18, 1988; Pg 54; Vol. 220, No. 7
Journal Code: ENR ISSN: 0013-807X
Section Heading: Products
Word Count: 61 *Full text available in Formats 5, 7 and 9*

TEXT:

Lead-impregnated, transparent plastic sheet combines light transmission with complete radiation **shielding**. **Prefabricated modular barriers** and windows are used in **X - ray** and special procedures rooms. It is available in 0.3 to 1.5-mm lead...

15/3,K/21 (Item 1 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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09009649

PHYSICAL SECURITY EQUIPMENT

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020
Service: DEFENSE AGENCIES
Pub. Date: MAY 25, 1999
Source: Forecast International/DMS
Language: English
Word Count: 5675
Pgm.Element: 0603228D

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS2020

...an Air Force and now DoD
program is an ongoing effort to develop an integrated **portable**
relocatable security system to provide Force **Protection** capability for
personnel, dispersed assets, fixed base facilities and Air Base Ground
Defense applications. The...U) FY 1998 Accomplishments

- Conducted lightweight concrete forced entry and explosive test
- Completed testing of **X - ray** equipment
- Conducted operational and mechanical testing of the Internal Locking Device
- Completed the Tamper Resistant...

15/3,K/22 (Item 2 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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09009637

Materials and Electronics Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020
Service: DEFENSE AGENCIES
Pub. Date: MAY 25, 1999

Source: Forecast International/DMS
Language: English
Word Count: 5921
Pgm.Element: 0602712E

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS2020

...electroactive polymers for sensing and actuating. Other areas of concentration include new materials concepts for **portable** power, **protective** coating materials to eliminate environmental hazards, infrared artificial dielectrics, development of bio- interface materials and...octave tuning range and low loss. Demonstrate scale- up capability for single crystal growth utilizing **x - ray** interference patterns to template crystal growth.

Demonstrate enhanced biological responses (molecular, cellular and organismal) at...

15/3,K/23 (Item 3 from file: 388)
DIALOG(R)File 388: PEDS: Defense Program Summaries
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09008634

WMD Related Technologies

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1999
Service: DEFENSE AGENCIES
Pub. Date: JUNE 04, 1998
Source: Forecast International/DMS
Language: English
Word Count: 5142
Pgm.Element: 0602715B

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1999

...Center (AEDC) in Tullahoma, Tennessee, including the development, construction and checkout of the new DECADE **x - ray** facility; development of technologies to provide enhanced radiation sources on the DECADE simulator; development of...Continue DECADE preplanned product improvement program for power flow technologies to support high-fluence, soft **x - ray**

and high-dose and dose-rate bremsstrahlung capabilities and evaluate the need for a second...

...the High Power Microwave Simulator and Fast Rise EMP Simulator.

Continue advanced, high- fluence, soft **x - ray** and high-dose and dose-rate bremsstrahlung for DECADE Quad application.

Demonstrate >100cm² debris **shields** for the DECADE Quad.

Continue development of a **portable** , compact, high-fidelity prototype simulator.

Project AC - Weapons Systems Lethality - Building upon core nuclear competencies...

15/3,K/24 (Item 4 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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09008633

Materials and Electronics Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1999
Service: DEFENSE AGENCIES
Pub. Date: JUNE 04, 1998
Source: Forecast International/DMS
Language: English
Word Count: 5007
Pgm.Element: 0602712E

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1999

...electroactive polymers for sensing and actuating. Other areas of concentration include new materials concepts for **portable** power, **protective** coating materials to eliminate environmental hazards, infrared artificial dielectrics, development of bio- interface materials and...

...and actuators are also being explored. New materials and concepts for increasing the availability of **portable** power to the soldier are being investigated as are substitute **protective** coating materials which eliminate environmental hazards. Infrared Artificial Dielectrics (IRADs) are a new class of... actuators, etc.).

- Demonstrate proof of concept for templated vapor phase single crystal growth on projected **x - ray** interference patterns of atomic dimensions.

- Demonstrate high-density electronic interconnects for Seamless High Off-Chip...octave tuning range and low loss.

- Demonstrate scale-up capability for single crystal growth utilizing **x - ray** interference patterns to template crystal growth.

- Demonstrate enhanced biological responses (molecular, cellular and organismal) at...

15/3,K/25 (Item 5 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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00005106

Army Industrial Preparedness Manufacturing Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1998
Service: ARMY
Pub. Date: July 16, 1997
Source: Forecast International/DMS
Language: ENGLISH
Word Count: 3672

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1998

...hardware, software and initial prototype to inspect additional flaw classes for Nondestructive Visualization Using 3D/ **X - ray** Laminography.

FY 1996 Accomplishments: (continued)

- Awarded contract and achieved significant progress in development and evaluation...production of decontamination enzymes as a replacement for currently used chemicals.

- Develop production techniques for **portable** sorption fabric testers for chemical **protective** clothing production and sustainment.

- Complete development and accelerated life testing for dry/semi-dry rations...

15/3,K/26 (Item 6 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
(c) 1999 Forecast Intl/DMS. All rts. reserv.

00004712

Army Industrial Preparedness Manufacturing Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1997
Service: ARMY
Pub. Date: May 22, 1996
Source: Forecast International/DMS
Language: ENGLISH
Word Count: 1814
Pgm.Element: 0708045A

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1997

...develop hardware, software and prototype to inspect additional flaw classes for Nondestructive Visualization Using 3D/ **X - ray** Laminography; conduct validation testing of prototype nondestructive detector array tester; and develop and evaluate alternate...

...expert system; develop inspection algorithms and flaw recognition expert system for Nondestructive Visualization Using 3D/ **X - ray** Laminography; continue development of prototype nondestructive detector array tester; use experimental techniques to optimize design...

...for vibratory rate microgyroscope.

b) 107 Soldier Systems - Fabricate and conduct operational testing on a **portable** fabric sorption tester for chemical **protective** fabrics.

c) 700 Integrated Composites Manufacturing - Complete demonstration in pilot production environment; define benefits based...

15/3,K/27 (Item 7 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries

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00004327

COUNTERTERROR TECHNICAL SUPPORT

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1996
Service: DEFENSE AGENCIES
Pub. Date: October 5, 1995
Source: Forecast International/DMS
Language: ENGLISH
Word Count: 1835
Pgm.Element: 0603122D

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1996

...Explosives Detection (\$.375 Million),
Universal Training and
Firing Device (\$.040 Million), and Real-Time Portable **X - Ray**
System
(\$.125 Million)
--Continued development of Nuclear Quadripole Resonance (NQR) for
Other Explosives (\$.150
Million...Million)
MEDDS/Cannines Olfaction (\$.200 Million) Audio Collector/Directional
Microphone (\$.185 Million), 3-D Baggage **X - ray**
System (\$.200 Million)
Chemical/Biological Response (\$.200 Million), Robot Aiming & Ranging
(\$.100
Million) Downsized Composite...

...MEDDS/Cannines Olfaction (\$.200 Million) Audio Collector/Directional
Microphone (\$.050 Million), 3-D Baggage **X - ray**
System (\$.100 Million)
Chemical/ ...System (\$.605 Million)
Microtopographical Surface Features Analysis tool for Fired Ammunition
Components (\$.300 Million), Enhanced **Portable** Through-Wall Imaging
System (\$.200 Million), Vehicle Armor **Protection**
System for Non-Armored Vehicles (\$.350 Million), Clandestine Urban
Vehicle Tracking System (\$.500 Million),

Integrated...

15/3,K/28 (Item 8 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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00003697

Initial Operational Test and Evaluation (IOT&E)

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1995
Service: AIR FORCE
Pub. Date: June 13, 1994
Source: Forecast International/DMS
Language: ENGLISH
Word Count: 1953
Pgm.Element: 0605712F

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1995

...Follow-on Tactical
Reconnaissance System (FOTRS), B-2, Airborne Electronic Countermeasure
Threat Simulator (AETS), Advanced **X - Ray**
System, B-1B Conventional
Munitions Upgrade Program (CMUP), AFMSS Conventional Mission Plan and
Preparation System...

...Communication Sys), AMC C-2
Info Processing System II-IV, Microwave Landing System (MLS-Mobile),
Modular TACC (CTAPPS).

- (U) Category: General
Chemical Warfare **Protective** Equipment (CWD-Aircrew Eye/Respiratory
Protection SAC), LS-Thermal Flash Blindness Protection, LS-Universal
Water...

...17, F-22 Advanced Tactical Fighter, Follow-on
Tactical Reconnaissance System (FOTRS), B-2, Advanced **X - Ray**
System, B-
1B

15/3,K/29 (Item 9 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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00003221

INITIAL OPERATIONAL TEST AND EVALUATION (IOT&E)

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1994
Service: AIR FORCE
Pub. Date: August 24,1993
Source: Forecast International/DMS
Language: ENGLISH
Word Count: 1981
Pgm.Element: 0605712F

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1994

...Eye/Resp Protection SAC), ICBM-
Rapid Execution and Combat Target (REACT), LS-Thermal Flash Blindness
Protection , Tactics Training Route Complex (TTRC/RIIS), Dual Frequency
MEECN RCVR/ **Portable** , Pacer Link II, LS-Universal Water Activated
Release System, E-4B Communications Enhancement Mod Block...

...Advanced Training System (ATS),
Airborne Electronic Countermeasure Threat Simulator (AETS), ABO-Bratt
Communications System, Advanced **X - Ray**
System, B-1B IOT&E, Conventional
Mission Plan & Preparation System (CMPPS), MAC C-2 Info...
Strategic and Tactical
IR Expendable (ASTE)/AMD (Activated Metal Decoy), Sensor Fused Weapon
(SFW), Advanced **X - Ray**
, Defense Support Program Satellite System (DSP-
1), Compass Call Improvement Program.

15/3,K/30 (Item 10 from file: 388)
DIALOG(R) File 388: PEDS: Defense Program Summaries
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00002618

Electronics Manufacturing Technology Development

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1994
Service: DEFENSE AGENCIES
Pub. Date: June 9, 1993
Source: Forecast International/DMS
Language: ENGLISH
Word Count: 4939
Pgm.Element: 0603739E

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1994

...the following military programs: The Integrated Enhanced Soldier

System (TIESS), Gen II Soldier, Soldier Integrated **Protective** Ensemble (SIPE), Advanced Integrated Man **Portable** System (AIMS), Advanced Pilotage Capabilities (APA), Covert Night/Day Operations in Rotorcraft (CONDOR), CONDOR Advanced...
improved alignment and overlay techniques, metrology, systems development and integration utilizing various radiation sources (x- **ray** , **electron** -beam, ion-beam, and optics), and device demonstrations to establish viability of the developed systems.

C. (U) PROGRAM ACCOMPLISHMENTS AND PLANS;

(U) FY 1992 Accomplishments:

(U) Installed the first x- **ray** **point** source lithography tool in an industrial lab for evaluation.

(U) Demonstrated 0.2 micron pattern definition with x- **ray** **point** source.

(U) Fabricated 512K static random access memory (SRAM) chips with x- **ray** **0**.35 micron lithography.

(U) Demonstrated a new plasma focus head which generates 12 joules of x- **rays** **per** pulse.

(U) Completed mask repair tool for 0.50 micron design rules.

(U) Demonstrated through modeling and experimental work that proximity x- **ray** **lithography** may extend to 0.1 micron features with a mask-wafer gap of 10 microns.

(U) FY 1993 Planned Program:

(U) Use x- **ray** **lithography** to fabricate 512K SRAM chips with 0.25 micron gate lengths.

(U) Evaluate diode pumping for the laser plasma x- **ray** **source**

(U) Develop a multi-shot power supply for the focus plasma x-ray source .
(U) Complete mask repair tool for masks with 0.25 micron features.
(U) Release a standard configuration for x-ray masks
(U) Initiate efforts in ion-beam and e-beam lithographies, directed at prototype systems for...

...tool.

(U) Demonstrate mask writer for 0.25 micron features.

(U) Deliver masks both x-ray and phase shift) for 0.35 micron features.

(U) Demonstrate first diode laser pumped point source x-ray stepper capable of .35 micron design rules.

(U) Program To Completion:

(U) Demonstrate a nanowriter e...

...tool for repair of masks with 0.15 micron features.

(U) Demonstrate aligner for x-ray lithography for 0.25 micron features.

(U) Demonstrate stage control for lithography tools with 0.12 micron capability.

(U) Fabricate devices using soft x-ray reduction techniques.

D. (U) Work Performed By: IBM, Essex Junction, VT; Lawrence Berkeley, Berkeley, CA; ETEC...

...from the Microlithographic Mask Development Program.

Sep 94 Demonstrate diode-pumped, laser plasma source x-ray tool

Mar 95 Demonstrate a nanowriter e-beam tool for writing features at 50 nm.

Jun...

15/3,K/31 (Item 1 from file: 587)

DIALOG(R) File 587: Jane's Defense & Aerospace

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00011861

Word Count: 00625

November 14, 1984

CONTRACTING INTELLIGENCE (CQI) NOVEMBER 16, 1984 v.006 no. 003

Section Heading: 5 PRIME CONTRACT AWARDS

...CHARTER SS AMERICAN TROJAN (A US FLAG SELF-SUSTAINING C-4 BREAKBULK VESSEL) TO SUBIC BAY REPUBLIC OF PHILIPPINES
N00033-85-C-1001 11/14/84 \$14,178,060 UNITED STATES LINES CRANFORD NJ
DREL
MILITARY SEALIFT COMMAND

^- 54 - PREFABRICATED STRUCTURES & SCAFFOLDING
FFP CONTRACT FOR 67 ARMORED VEHICLE-LAUNCHED BRIDGE LAUNCHER KITS
DAAE07-85-C-0225...

15/3,K/32 (Item 1 from file: 187)

DIALOG(R)File 187:F-D-C Reports
(c) 2003 F-D-C Reports Inc. All rts. reserv.

00098795 F-D-C Accession Number 01200060002
The Gray Sheet
February 7, 1994
Volume 20, Issue 6

**ANTI-STICK NEEDLES AMONG 12 CLASS II DEVICES IN THIRD TIER ON DGRD'S
"TRIAGE"LIST; REMAINING TWO DEVICE DIVISIONS ALSO RELEASE TRIAGE LISTS**

...secondary to spinal surgery

DENTAL PRODUCTS, TIER I, Class I products:

Gingival fluid measurer

Dental **x - ray** exposure alignment device

AC-powered dental amalgamator

Preformed anchor
Precision attachment

Dental bur

Preformed clasp...

...toothbrush

Intraoral dental wax

DENTAL PRODUCTS, TIER I, Class II products:

Caries detection device

Dental **x - ray** position indicator

Lead lined position indicator

Dental operating light

DENTAL PRODUCTS, TIER I, Unclassified products...
...handpieces; cleaning & sterility concerns

DENTAL PRODUCTS, TIER II, Class II products:

Pulp tester

Intraoral source **x - ray** system

Cephalometer

Amalgam alloy

Gold based alloys & precious metal alloys

Resin tooth bonding agent

Calcium...

...metal alloy

Bracket adhesive resin & tooth conditioner

Denture relining, repairing or rebasing resin

Pit & fissure **sealant** & conditioner

Temporary crown & bridge resin

Root canal filing resin

Endodontic stabilizing splint

Procelain tooth

Bone cutting instruments...CIRCULATORY SYSTEM DEVICES, TIER I, Class II products:

Adaptor, lead switching, electrocardiograph

Phonocardiograph

Display, cathode- **ray** tube, **medical**

System, signal isolation

Monitor, signal isolation

Monitor, line isolation

Alarm, leakage current, portable

Recorder, paper...

15/3,K/33 (Item 1 from file: 442)

DIALOG(R)File 442:AMA Journals

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00051917

Cognitive Neuropsychology: Resolving Enigmas About Wernicke's Aphasia and Other Higher Cortical Disorders (Article)

Margolin, David Ira, MD, PhD

Archives of Neurology

1991; 48: 751-(15)

...buffers) have been postulated to play critical roles in various types of language processes. These **buffers** serve as **temporary** repositories for information that has been retrieved from an information-processing module and is waiting... give some measure of cortical activity. It is now well documented through xenon 133 inhalation, **positron emission** tomography, and single photon emission computed tomography studies that in addition to Wernicke's and...

... this article reflect the combination of cutting-edge work in two domains--cognitive neuropsychology and **positron emission** tomographic scan imaging techniques.

124-126 These experimenters capitalized on a classical and powerful tool...and during language stimulation. Brain Lang. 1987;32:1-18.

122 Phelps ME, Mazziotta JC. **Positron emission** tomography: human brain function and biochemistry. Science. 1985;228:799-809.

123 Ober BA, Reed...

...University Press. In press.

124 Petterson SE, Fox PT, Posner MI, Mintum M, Raichle ME. **Positron emission** tomographic studies of the cortical anatomy of single-word processing. Nature. 1988;331:585-589...

15/3,K/34 (Item 2 from file: 442)
DIALOG(R)File 442:AMA Journals
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00046825
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Are Complications in Intraoperative Radiation Therapy More Frequent Than in Conventional Treatment? (PAPERS READ BEFORE THE ANNUAL MEETING OF THE SOCIETY OF SURGICAL ONCOLOGY, NEW ORLEANS, LA, MAY 22 TO MAY 25, 1988 -- PART II)

CROMACK, DOUGLAS T.; MAHER, MICHELLE M.; HOEKSTRA, HARALD; KINSELLA, TIMOTHY J.; SINDELAR, WILLIAM F.
Archives of Surgery
February, 1989; 124: 229-2341989;
LINE COUNT: 00225 WORD COUNT: 03105

... complications in IORT due to technical manipulations (transportation of patients under anesthesia between operating and **radiotherapy** suites) and the **temporary** placement of foreign bodies within the abdominal cavity (IORT applicators, **shielding** , and tissue retractors). Such concerns have been proved to be unfounded based on the data...

...the current study. The incidence of infectious complications was similar in both IORT and conventional **radiotherapy** groups. Separate analysis by tumor type actually revealed an excess of infectious complications among the...